EXHIBIT A
PART 2

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

#### COST RECOVERY SUMMARY REPORT

Date Printed 11/19/2009

Facility Name Delphi Saginaw Steering Systems
Site Name Delphi Saginaw Steering Systems
Address. 3900 Holland Avenue
Facility ID 00018284
Site ID Number 73000051
Package 441244/00

Total for Employee Salanes and Wages Period Covered 1/19/08 through 2/9/08 Indirect Dollars Sub-Total	\$130 11 \$21 61	<b>\$151</b> 72
Total for Employee Travel Expenses Period Covered		
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0 00
Total for Miscellaneous Expenses Period Covered	\$0 00	\$0 00 \$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attomey General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest	- =	\$151 72 \$0 00 \$151 72

09-50026-mg Doc 8900-2 Filed 01/<del>26/</del>11 - Entered 01/27/11 22:28:08 Exhibit A Part 2 Pg 3 of 75

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY Date: 11/02/2

### REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Page: 1 of 1

Date: 11/02/2009

Source: ERNIE

Site Name Delphi (GM) Saginaw Division Plant 2

County Saginaw

Site ID 73000052

Package 451634-00

GM and Delphi Bankruptcy Pre 6/1/09

Total for Employee Salaries and Wages		
Period Covered 11/29/1991 - 06/01/2009	\$60,046 71	
Indirect Dollars	\$10,852 60	
Sub-Total	<u> </u>	\$70,899 31
Total for Employee Travel Expenses		
Period Covered 02/17/1995 - 06/03/2004		\$783 45
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered 03/09/1998 - 03/09/1998		\$7 25
MDNR/MDEQ Lab		
Period Covered		\$0.00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0 00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0.00
Attorney General Expenses		
Period Covered		\$0.00
Other Expenses		
Period Covered	_	\$0.00
Sub-Total	_	\$71,690 01
Interest Calculated from through	=	\$0 00
Total Combined Expenses for Site and Interest	_	\$71,690.01
Run Date 11/02/2009		· —

09-50026-mg Doc 8900-2 Filed 01/26/11 Entered 01/27/11-22:28:08 Exhibit A Part 2 Pg 4 of 75

#### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Date: 11/02/2009 Source: ERNIE

\$3,648.01

Page: 1 of 1

Site Name Delphi Energy and Chassis (GM) County Saginaw Site ID 73000053 Package 451628-00 GM and Delphi Bankruptcy Pre 6/1/09 Total for Employee Salaries and Wages \$2,186 97 Period Covered 11/09/1991 - 07/05/2003 \$389 07 Indirect Dollars \$2,576 04 Sub-Total Total for Employee Travel Expenses \$12 97 Period Covered 07/18/1997 - 07/18/1997 Contractual Expenses \$0.00 Period Covered / \$0.00 Contract Sub-Total Total for Miscellaneous Expenses \$1,059 00 Period Covered 09/18/1995 - 09/18/1995 MDNR/MDEQ Lab \$0.00 Period Covered Total for MDPH/Community Health Expenses Alternate Water Supply Period Covered \$0.00 **Bottled Water** \$0.00 Period Covered MDPH/MDCH Lab \$0.00 Period Covered \$0.00 Sub-Total Attorney General Expenses \$0.00 Period Covered Other Expenses \$0.00 Period Covered \$3,648 01 Sub-Total \$0.00 Interest Calculated from through

Total Combined Expenses for Site and Interest

Run Date 11/02/2009

09-50026-mg Doc 8900-2 Filed <del>01/26/11 Entered 01/27/11 22:28:08 Exhibit A</del>
Part 2 Pg 5 of 75

# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Date Printed 11/2/2009

COST RECOVERY SUMMARY R	EPORI	Date Printed 11/2/200
Facility Name General Motors Powertrain Plant- Site Name Gm-hydra Matic Address 23500 Mound Rd, Warren, Macomb County Facility ID: 00006175 Site ID Number Package: 443909/00	THE SECOND SECOND SECOND	
Bankruptcy Pre 6/1/09		
Total for Employee Salaries and Wages Penod Covered 7/23/00 through 5/30/09 Indirect Dollars Sub-Total	\$368 33 \$ <u>63 39</u>	<u>\$431 72</u>
Total for Employee Travel Expenses Period Covered		\$0.00
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0 00
Total for Miscellaneous Expenses Period Covered 5/1/09 through 5/30/09		\$14 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest		\$445 72 \$0 00 \$445 72

# 09-50026-mg Doc 8900-2 Filed 01/26/11 Entered 01/27/11-22:28:08 Exhibit A Part 2 Pg 6 of 75

# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

### COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

Facility Name General Motors Technical Center	_
Site Name GM Technical Center-bio Med	
Address 30009 Van Dyke Ave, Warren, Macomb County	
Facility ID 00021466	
Site ID Number	
Package 447009/00	

Total for Employee Salaries and Wages Penod Covered: 3/31/02 through 4/13/02 Indirect Dollars	\$386 91 <u>\$73 82</u>	
Sub-Total	<del></del>	\$460 73
Total for Employee Travel Expenses Peпod Covered		\$0 00
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0.00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Penod Covered		\$0 00
Sub-Total		\$460 73
Interest Calculated from through		\$0 00 \$460 73
Total Combined Expenses for Site and Interest	<del></del>	Ψ-00 10

## MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

### COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

Facility Name Research Laboratory-Building 102
Site Name Research Laboratories
Address: 30500 Mound Rd, Warren, Macomb County
Facility ID 00036429
Site ID Number
Package 447753/00

Total for Employee Salaries and Wages Period Covered 1/9/00 through 2/16/02 Indirect Dollars	\$372.27 <u>\$68 22</u>	
Sub-Total		\$440 49
Total for Employee Travel Expenses Period Covered 8/1/00 through 9/30/00		\$10 40
Contractual Expenses Penod Covered Contract Sub-Total	<u>\$0 00</u>	\$0.00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0.00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest	 =	\$450 89 \$0 00 \$450 89

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

### **COST RECOVERY SUMMARY REPORT**

Date Printed 11/18/2009

Facility Name Steam / Water Plant - Building 107 \_\_\_ Site Name TCF Site Operations - Tank TCF7 Address 6250 Chicago Rd, Warren, Macomb County Facility ID. 00036430 Site ID Number Package 447754

Total for Employee Salaries and Wages Period Covered 6/27/99 through 9/4/99 Indirect Dollars	\$373 33 <u>\$81 50</u>	
Sub-Total		\$454 83
Total for Employee Travel Expenses Репод Covered		\$0 00
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0.00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest	,	\$454 83 \$0 00 \$454 83

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

#### **COST RECOVERY SUMMARY REPORT**

Date Printed 11/18/2009

Facility Name General Motors - Milford Proving Ground
Site Name: General Motors - Milford Proving Ground
Address 3300 General Motors Rd, Milford, Oakland County

Facility ID 00016461 Site ID Number Package: 441314/00

Bankruptcy Pre 6/1/09

Total for Employee Salaries and Wages
Penod Covered 1/31/93 through 5/30/09
Indirect Dollars

\$26,407 65 <u>\$4,628 68</u>

Sub-Total \$31,036 33

Total for Employee Travel Expenses
Period Covered 10/1/92 through 4/23/08

\$590 50

Contractual Expenses
Penod Covered \$0.00
Contract Sub-Total \$0.00

Total for Miscellaneous Expenses
Penod Covered 9/1/00 through 5/18/09 \$1,009 28

MDNR/MDEQ Lab
Period Covered \$0 00

Total for MDPH/Community Health Expenses
Penod Covered \$0 00

Attorney General Expenses
Penod Covered \$0.00

Sub-Total \$32,636 11
Interest Calculated from through \$0 00
Total Combined Expenses for Site and Interest \$32,636 11

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

#### COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

Facility Name. Gm Delphi Chassis System Site Name GM - Delco Address 13000 Eckles Rd, Livonia, Wayne County Facility ID 00009600 Site ID Number Package 444607/00 Bankruptcy Pre 6/1/09		
Ballkupicy Fie of 1765		
Total for Employee Salaries and Wages Period Covered 10/3/99 through 7/7/01 Indirect Dollars	\$415 73 <u>\$75 35</u>	
Sub-Total	_	\$491 08
Total for Employee Travel Expenses Репоd Covered		\$0 00
Contractual Expenses Penod Covered Contract Sub-Total	<u>\$0.00</u>	\$0.00
Total for Miscellaneous Expenses Репоd Covered:		\$0 00
MDNR/MDEQ Lab Period Covered		<b>\$</b> 0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest		\$491 08 \$0 00 \$491 08

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

### COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

Facility Name. GM Truck Group-Detroit Assembly Site Name GM Truck Group-Detroit Assembly Address, 601 Piquette St, Detroit, Wayne County Facility ID 00006839 Site ID Number Package 444041/00

Total for Employee Salanes and Wages Period Covered 4/17/99 through 5/11/02 Indirect Dollars	\$330 66 <u>\$63 48</u>	
Sub-Total	-	\$394 14
Total for Employee Travel Expenses Period Covered		\$0 00
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0 00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Penod Covered		\$0 00
Attorney General Expenses Penod Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest	- =	\$394.14 \$0,00 \$394.14

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Date Printed 11/2/2009

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\$17 10 \$3 09	
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\$0.00	\$0 00
	\$0 00
	\$0 00
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	\$20 19 \$0 00 \$20 19
	<u>\$3.09</u>

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

Facility Name GM Warehousing & Distribution Site Name: GM Service Parts Operation Address 50000 Ecorse Rd, Belleville, Wayne County Facility ID 00019444 Site ID Number Package 446796/00

Total for Employee Salaries and Wages Period Covered 5/3/09 through 5/30/09 Indirect Dollars	\$482 24 <u>\$78 56</u>	
Sub-Total		\$560 80
Total for Employee Travel Expenses Period Covered		\$0 00
Contractual Expenses Period Covered Contract Sub-Total	\$0 00	\$0 00
Total for Miscellaneous Expenses Period Covered 5/1/09 through 5/30/09		\$15 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total		\$575 80
Interest Calculated from through		\$0 00
Total Combined Expenses for Site and Interest		\$575 80

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

COST RECOVERY SUMMARY REPORT

Date Printed 11/17/2009

Facility Name Inland Fisher Guide Div Gmc Site Name Inland Fisher Guide Div GMC Address 6307 W Fort St, Detroit, Wayne County Facility ID. 5000458 Site ID Number Package 448512/00

Total for Employee Salaries and Wages Period Covered 4/19/09 through 5/2/09 Indirect Dollars	\$403 38 <u>\$65 71</u>	
Sub-Total		\$469 09
Total for Employee Travel Expenses Period Covered		\$0 DO
Contractual Expenses Penod Covered Contract Sub-Total	\$0.00	\$0.00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Period Covered		\$0 00
Total for MDPH/Community Health Expenses Period Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest	<i>.</i> :	\$469 09 \$0 00 \$469 09

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Cost Recovery Summary Report - Combined

County Wayne

Date: 11/18/2009

Source: ERNIE

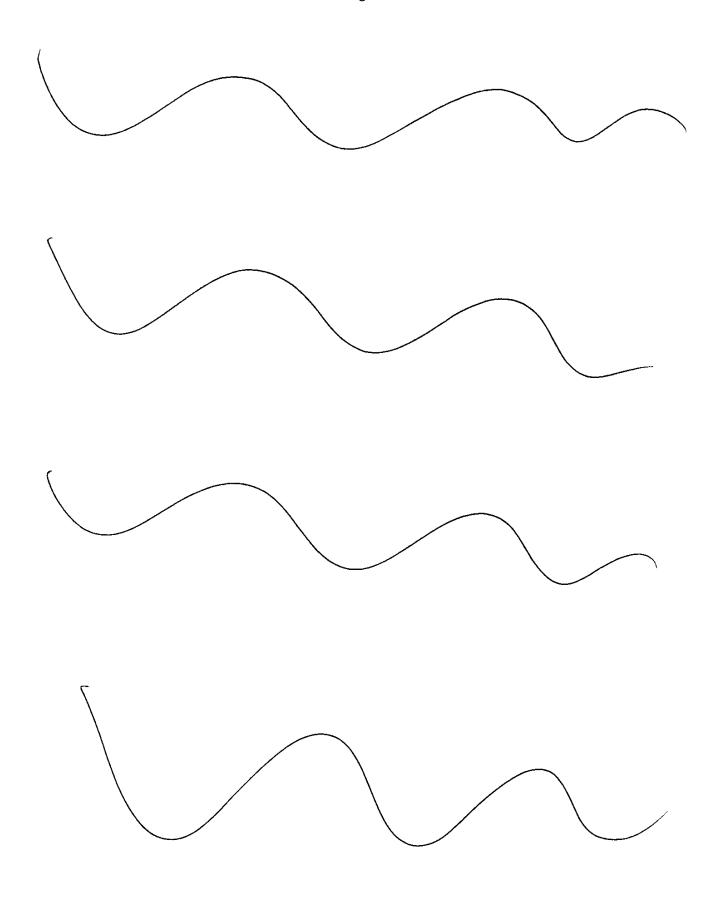
Page: 1 of 1

Site Name Satterlee Sumpter Twp LF

Site ID 82000048

Packages 453321-00 Satterlee Sumpter Twp - GM Bankruptcy Pre 6/1/09, Update 4, Update 5

Total for Employee Salaries and Wages		
Period Covered 03/14/1992 - 05/16/2009	\$143,841 90	
Indirect Dollars	\$23,844 34	
Sub-Total		\$167,686 24
Total for Employee Travel Expenses		
Period Covered 02/13/1993 - 09/05/2006		\$6,671 93
Contractual Expenses		
WW OPERATION SERVICES (GA7011 )		
Period Covered 07/23/1993 - 07/23/1993	\$985 00	
Malcolm Pirnie, Inc. (LOE #9499) (P9000916)		
Period Covered 04/28/1999 - 03/23/2001	\$243,441 58	
DLZ Laboratories, Inc. (Y80240)		
Period Covered 06/04/1999 - 09/10/1999	\$6,480 00	
Trace Analytical Laboratories, Inc. (Y80243)		
Period Covered 12/17/1999 - 01/14/2000	\$19,331 00	
Malcolm Pirnie, Inc. (LOE #2005) (P2000476.)		
Period Covered 12/26/2001 - 03/08/2005	\$55,160 80	
Contract Sub-Total		\$325,398 38
Total for Miscellaneous Expenses		-
Period Covered 02/09/1993 - 08/09/2004		\$4,621 88
MDNR/MDEQ Lab		
Period Covered 06/04/1997 - 07/16/1999		\$125,249 30
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0 00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0.00
Attorney General Expenses		
Period Covered 08/01/2008 - 08/31/2008		\$2,126 25
Other Expenses		
Period Covered		\$0.00
Sub-Total		\$631,753 98
interest Calculated from through		\$0.00
Total Combined Expenses for Site and Interest	•	\$631,753.98
Run Date 04/29/2009	•	



Attachment B
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
Motors Liquidation Company (MLC) Sites
Post Petition Cost Summary

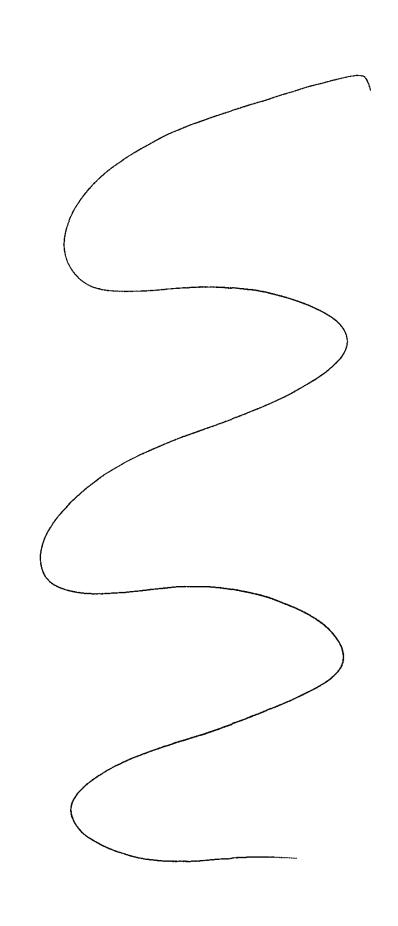
\$115 13	3		7								
4	٤	441314	Oakland	SE	Milford	3300 General Motors Rd, MC 483-323-206	00016461	8		General Motors - Miford Proving Ground	General Motors - Milford Proving Ground
\$310 40	8	451634	Saginaw	Saginaw Bay	Saginaw	1400 Holmes		_	73000052		Dephi (GM) Saginaw Division Plant 2
\$8,415.31	65	455080	Вау	Saginaw Bay	Bay City	800 Evergreen Drive			09000004	Consent Decree Case Number 98-3513-CE-B, Includes Invoice 563872	Bay City Middlegrounds
\$408 97	65	454227	Jackson	Jackson	Ypsılantı	Tyler Road & I-96 Area			81000048	95-799870-CE Consent Judgement	Willow Run Creek Area
\$62.77	8	455970	Washtenaw	Jackson	Ypsilanti	Tyler Road			81000496	Former Willow Run Assembly Plant	GM - Willow Run Assembly
\$263 74	8	456325	Kent	Grand Rapids	Walker	2150 Alpine Avenue NW			41000311		General Motors/Inland Division
								Ä			Other Obligations
\$8,446 41	b-Total	Sites Su	MLC-Owned Sites Sub-Total							The state of the s	
\$101 59	8	455159	Saginaw	Saginaw Bay	Saginaw	North of 2619 N Washington			73000524		CSX Former GM Nodular Iron Yard
\$2 392 30	65	454890	Saginaw	Saginaw Bay	Saginaw	77 W Center St			73000014		GM SMI
\$305 98	99	450064	Вау	Saginaw Bay	BAY CITY	100 FITZGERALD ST			09000014		GMPT Bay City
\$552 15	8	441769		Lansing	Lansing	920 Townsend	00013819	06	33000534	Boc Plant #1, Tank #8	GMC Lansing Grand River Assembly
\$1 471 71	8	454176	Genesee	Lansing	Flint	Milton Drive & Pengelly I			25000689	Agreement for Limited Residential Land Use Remedy Landuse-ERD- 98-010	Windiate Park/Dixieland Subdvn
\$74.23	8	455907	Genesee	Lansing	Flint	S Saginaw/Atherton			25000683		GM Die Storage Lot
\$114 93	65	452223	Genesee	Lansing	Flint	Linden Road			25000016	Agreement for a Limited Recreational Remedy Landuse-ERD-98-011	Linden Road Landfill
\$3,433 52	g	451588	Kent	Grand Rapids	Wyoming	300 36th Street			41000115	General Motors - CPC Metals	General Motors - CPC Metals
Costs Post Banki ptc)		TON ON THE	/Липсэ; »	atologica s		granipy v granisasi			Slicition	alaiSifaNameorotter trierence et	Recilio/Site Nome   Reference Control   Recilio/Site Nome   Site N

Page 1

Enforcement Confidential / Pre-Decisional

Attachment B
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
Motors Liquidation Company (MLC) Sites
Post Petition Cost Summary

Saterlee Sumpter Two LF Tolling Agreement 82000048 A0195 Judd Road Township MLC Other Obligations - Sites Sub-Total \$11,065 18				
Country   Facility   Country   Facility	te dia	0 86	5 18	1 59
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November 23, 2009

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## MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Page: 1 of 1

Date: 11/02/2009

Source: ERNIE

Site Name General Motors - CPC Metals

County Kent

Site ID 41000115

Package 451588-00

GM - CPC Metals Bankruptcy Post 6/1/09

Total for Employee Salaries and Wages		
Period Covered 06/13/2009 - 09/19/2009	\$2,952 55	
Indirect Dollars	\$480 97	
Sub-Total		\$3,433 52
Total for Employee Travel Expenses		
Period Covered		\$0 00
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered		\$0.00
MDNR/MDEQ Lab		
Period Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0.00	
Bottled Water		
Period Covered	\$0 00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total	_	\$0.00
Attorney General Expenses		
Period Covered		\$0.00
Other Expenses		
Period Covered	<u>_</u>	\$0.00
Sub-Total	_	\$3,433 52
Interest Calculated from through	=	\$0 00
Total Combined Expenses for Site and Interest	_	\$3,433.52
Run Date 10/29/2009		

09-50026-mg Doc 8900-2 Filed 01/2<del>6/11 Entered 01/27/11 22:28</del>:08 Exhibit A Part 2 Pg 20 of 75

# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Source: ERNIE Page: 1 of 1

Date: 11/12/2009

Site Name Linden Road LF Site ID 25000016 County Genesee

Site ID 25000016

Package 452223-65

General Motors Bankruptcy Post 6/1/09

Total for Employee Salaries and Wages		
Period Covered 06/01/2009 - 09/19/2009	\$98 83	
Indirect Dollars	\$16 10	
Sub-Total		\$114 93
Total for Employee Travel Expenses		
Period Covered		\$0 00
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered		\$0 00
MDNR/MDEQ Lab —		
Period Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0.00	
Bottled Water		
Period Covered	\$0.00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0 00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Period Covered		\$0.00
Sub-Total	<u></u>	\$114 93
Interest Calculated from through		\$0.00
Total Combined Expenses for Site and Interest		\$114.93
Run Date 11/12/2009		<del>_</del>

09-50026-mg Doc 8900-2 Filed <del>01/26/11 Entered 01/27/11 22:28:08</del> Exhibit A Part 2 Pg 21 of 75

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Cost Recovery Summary Report

Source: ERNIE

Date: 11/17/2009

Page: 1 of 1

Site Name GM Die Storage Lot

County Genesee

Site ID 25000683

Package 455907-00

GM Die Storage Lot Bankruptcy Post 6/1/09

Total for Employee Salanes and Wages		
Period Covered: 08/23/2009 - 09/05/2009	\$63 83	
Indirect Dollars	\$10 40	
Sub-Total		\$74 23
Total for Employee Travel Expenses	_	
Period Covered.		\$0 00
Contractual Expenses		
Period Covered	\$0.00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered		\$0 00
MDNR/MDEQ Lab		
Period Covered		\$0.00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0.00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total	_	\$0.00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Penod Covered		\$0.00
Sub-Total	_	\$74 23
Interest Calculated from through		\$0 00
Total Combined Expenses for Site and Interest		\$74.23
Run Date 10/29/2009		

# 09-50026-mg Doc 8900-2 Filed 01/26/11 Entered 01/27/11 22:28:08 Exhibit A Part 2 Pg 22 of 75

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Cost Recovery Summary Report

Date: 11/18/2009 Source: ERNIE

\$1,471.71

Page: 1 of 1

Site Name Windiate Park/Dixieland Subdvn Site ID 25000689	County Genesee	
Package 454176-00 General Motors Bankruptcy	Post 6/1/09	
_		
Total for Employee Salaries and Wages		
Period Covered 06/01/2009 - 09/19/2009	\$1,237 42	
Indirect Dollars	\$201 58	
Sub-Total		\$1,439 00
Total for Employee Travel Expenses		
Period Covered 06/01/2009 - 06/30/2009		\$32 71
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total	<del></del>	\$0 00
Total for Miscellaneous Expenses		
Period Covered		\$0 00
MDNR/MDEQ Lab		
Period Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0 00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0.00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Period Covered		\$0.00
Sub-Total		\$1,471 71
Interest Calculated from through		\$0.00

Total Combined Expenses for Site and Interest

Run Date 11/12/2009

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

COST RECOVERY SUMMARY REPORT

Date Printed 11/17/2009

Facility Name<sup>\*</sup> GMC Lansing Grand River Assembly Site Name. Boc Plant #1, Tank #8
Address<sup>\*</sup> 920 Townsend, Lansing, Ingham County Facility ID 00013819
Site ID Number<sup>\*</sup> 33000534
Package 441769/00

### Bankruptcy Post 6/1/09

Total for Employee Salaries and Wages Penod Covered 7/12/09 through 7/25/09 Indirect Dollars	\$474 80 <u>\$77 35</u>	
Sub-Total		\$552 15
Total for Employee Travel Expenses Period Covered		\$0 00
Contractual Expenses Period Covered Contract Sub-Total	<u>\$0 00</u>	\$0 00
Total for Miscellaneous Expenses Penod Covered		\$0 00
MDNR/MDEQ Lab Penod Covered		\$0 00
Total for MDPH/Community Health Expenses Penod Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total Interest Calculated from through Total Combined Expenses for Site and Interest		\$552 15 \$0 00 \$552 15

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Date. 11/16/2009

Source: ERNIE Page: 1 of 1

**Cost Recovery Summary Report** 

Site Name GMPT Bay City County Bay

Site ID 09000014

Package 450064-65 GM CPC Plant (Settlement) Bankruptcy Post 6/1/09

Total for Employee Salanes and Wages		
Period Covered 06/01/2009 - 08/08/2009	\$263 12	
Indirect Dollars	\$42 86	
Sub-Total		\$305 98
Total for Employee Travel Expenses		
Period Covered		\$0 00
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses	-	
Penod Covered		\$0.00
MDNR/MDEQ Lab		, -
Period Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0.00	
Bottled Water	·	
Period Covered	\$0.00	
MDPH/MDCH Lab		
Period Covered	\$0 00	
Sub-Total	. <del></del>	\$0 00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Period Covered		\$0.00
Sub-Total	_	\$305 98
Interest Calculated from through	_	\$0.00
Total Combined Expenses for Site and Interest	_	\$305.98
Run Date 10/29/2009	_	

09-50026-mg Doc 8900-2 Filed 01/26/11 Entered 01/27/11 22:28:08 Exhibit A Part 2 Pg 25 of 75

### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Source: ERNIE

Date: 11/16/2009

Page: 1 of 1

Site Name GM SMI

County Saginaw

Site ID 73000014

Package, 454890-65 GM Malleable Iron (Stmt) Bankruptcy Post 6/1/09

Total for Employee Salanes and Wages		
Period Covered 06/01/2009 - 09/05/2009	\$2,057 18	
Indirect Dollars	\$335 12	
Sub-Total		\$2,392 30
Total for Employee Travel Expenses	_	
Period Covered		\$0 00
Contractual Expenses		
Period Covered	\$0.00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses	_	
Period Covered		\$0 00
MDNR/MDEQ Lab		
Period Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0 00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0.00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Period Covered	_	\$0 00
Sub-Total	_	\$2,392 30
Interest Calculated from through	·	\$0.00
Total Combined Expenses for Site and Interest	_	\$2,392 30
Run Date 10/29/2009		

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## MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

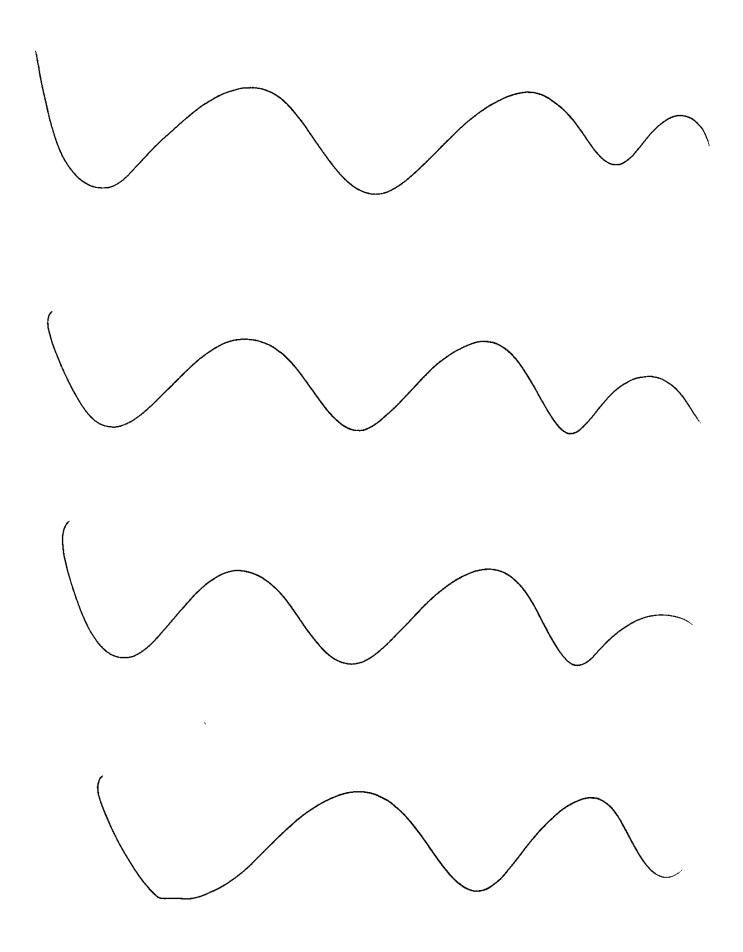
**Cost Recovery Summary Report** 

Source: ERNIE Page: 1 of 1

Date: 11/18/2009

Site Name CSX Former GM	Nodular Iron Yard	County Saginaw	-
Site ID 73000524	OOV E- ON Nodeles I V	a ICM Danismanna Dank 6/4/00	
Package 455159-00	CSX Fr GM Nodular Iron Y	a/GM Bankruptcy - Post 6/1/09	
Total for Employee Sala	ures and Magon		
Period Covered 07/2	<u> </u>	\$87 36	
Indirect Dollars	20/2009 - 00/00/2009	\$14 23	
Sub-Total		<u> </u>	\$101 59
Total for Employee Trav	el Evnenses		
Period Covered	CI Expenses		\$0.00
Contractual Expenses			***
Oomadaa Expenses			
Period Covered		\$0 00	
Contract Sub-Total		<del></del>	\$0 00
Total for Miscellaneous	Expenses		
Period Covered			\$0.00
MDNR/MDEQ Lab			
Period Covered			\$0.00
Total for MDPH/Commu	nity Health Expenses		
Alternate Water Supp	ily		
Period Covered		\$0 00	
Bottled Water			
Period Covered		\$0 00	
MDPH/MDCH Lab			
Period Covered		\$0.00	
Sub-Total			\$0.00
Attorney General Expens	ses		
Period Covered			\$0 00
Other Expenses			
Period Covered			\$0.00
Sub-Total			\$101 59
Interest Calculated from	through		\$0.00
Total Combined Expense	es for Site and Interest		\$101.59

Run Date 10/29/2009



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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Source: ERNIE

Date: 11/16/2009

\$0.00

\$0 00

\$263 74

\$263.74

Page: 1 of 1

Site Name	General Motor	s/Inland Division	County	/ Kent	
Site ID	41000311				
Package	456325-00	GM/Inland Division Bankruptcy	Post 6/1/09		
Total f	for Employee Sa	alanes and Wages			
Per	nod Covered 0	7/26/2009 - 08/08/2009		\$226 80	
ind	rect Dollars		_	\$36 94	
S	ub-Total		_		\$263 74
Total f	or Employee Tr	avel Expenses			
Per	nod Covered				\$0 00
Contra	ectual Expenses	3			
Per	riod Covered			\$0.00	
Co	ontract Sub-Tota	al	_		\$0 00
Total f	or Miscellaneou	ıs Expenses		_	
	od Covered	•			\$0 00
MDNR	/MDEQ Lab				
Per	od Covered				\$0 00
Total f	or MDPH/Comr	munity Health Expenses			
Alte	rnate Water Su	ipply			
Per	od Covered			\$0 00	
Bot	tled Water				
Per	od Covered			\$0 00	
MD	PH/MDCH Lab				
Per	od Covered			\$0.00	
Sı	ub-Total				\$0 00
	ey General Exp	enses			
Per	od Covered				\$0 00
Other	Expenses				20.00

Period Covered

Run Date 10/29/2009

Interest Calculated from through

Total Combined Expenses for Site and Interest

Sub-Total

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# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

IATION AND REDEVELOPMENT DIVISION Source: ERNIE

Cost Recovery Summary Report Page: 1 of 1

Date. 11/16/2009

Cost Recovery Summary Re	port	rage. For t
Site Name GM - Willow Run Assembly	County Washtenaw	
Site ID. 81000496		
Package 455970-00 GM Willow Run Assembly Bankruptcy	/ Post 6/1/09	<del></del>
Total for Employee Salaries and Wages		
Period Covered 07/26/2009 - 08/08/2009	\$53 98	
Indirect Dollars	\$8 79	
Sub-Total		\$62.77
Total for Employee Travel Expenses		
Period Covered		\$0.00
Contractual Expenses		
Period Covered	\$0.00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered		\$0.00
MDNR/MDEQ Lab		****
Period Covered		\$0.00
Total for MDPH/Community Health Expenses		***
Alternate Water Supply		
Period Covered	\$0.00	
Bottled Water	44 45	
Period Covered	\$0 00	
MDPH/MDCH Lab	4	
Period Covered	\$0 00	
Sub-Total		\$0.00
Attorney General Expenses		
Period Covered		\$0.00
Other Expenses		
Period Covered		\$0.00
Sub-Total Sub-Total		\$62 77
Interest Calculated from through		\$0.00
Total Combined Expenses for Site and Interest		\$62.77
Run Date 10/29/2009		

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Date: 11/12/2009

Source: ERNIE

Page: 1 of 1 **Cost Recovery Summary Report** County Washtenaw Site Name Willow Run Creek Area Site ID 81000048 General Motors Bankruptcy Post 6/1/09 Package 454227-65 Total for Employee Salaries and Wages \$351 68 Period Covered 06/01/2009 - 07/25/2009 \$57 29 Indirect Dollars \$408 97 Sub-Total Total for Employee Travel Expenses \$0.00 Period Covered Contractual Expenses \$0.00 Period Covered \$0.00 Contract Sub-Total Total for Miscellaneous Expenses \$0.00 Period Covered. MDNR/MDEQ Lab

\$0.00 Period Covered

Total for MDPH/Community Health Expenses Alternate Water Supply

\$0.00 Period Covered **Bottled Water** \$0.00 Period Covered

MDPH/MDCH Lab \$0.00 Period Covered

\$0.00 Sub-Total Attorney General Expenses

\$0.00 Period Covered Other Expenses

\$0.00 Period Covered \$408 97 Sub-Total \$0.00

Interest Calculated from through \$408.97 Total Combined Expenses for Site and Interest

Run Date 11/12/2009

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# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

County Bay

Date: 11/02/2009 Source ERNIE

Page: 1 of 1

Site Name Bay City Middlegrounds

Site ID 09000004

Package 455080-65

General Motors Bankruptcy Post 6/1/09

Total for Employee Salaries and Wages		
Period Covered 06/01/2009 - 09/19/2009	\$7,126 56	
Indirect Dollars	\$1,160 92	
Sub-Total		\$8,287 48
Total for Employee Travel Expenses	_	
Period Covered 06/01/2009 - 09/11/2009		\$127 83
Contractual Expenses		
Period Covered	\$0 00	
Contract Sub-Total	<del></del>	\$0.00
Total for Miscellaneous Expenses	_	
Period Covered		\$0.00
MDNR/MDEQ Lab		
Period Covered		\$0.00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0.00	
Bottled Water		
Period Covered	\$0.00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total	_	\$0.00
Attorney General Expenses		
Period Covered		\$0 00
Other Expenses		
Period Covered	_	\$0 00
Sub-Total		\$8,415 31
Interest Calculated from through		\$0.00
Total Combined Expenses for Site and Interest		\$8,415.31
Run Date 11/02/2009		

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

Source: ERNIE

Date: 11/02/2009

\$0.00

\$0.00

\$0 00

\$310 40

\$310.40

Cost Recovery Summary Rep	Page: 1 of 1	
Site Name Delphi (GM) Saginaw Division Plant 2	County Saginaw	
Site ID 73000052		
Package 451634-00 GM and Delphi Bankruptcy Post 6/1/0	9	
•		
Total for Employee Salaries and Wages		
Period Covered 06/02/2009 - 08/08/2009 -	\$266 92	
Indirect Dollars	\$43 48	
Sub-Total	<del></del>	\$310 40
Total for Employee Travel Expenses		
Period Covered		\$0.00
Contractual Expenses		
Period Covered	\$0.00	
Contract Sub-Total		\$0.00
Total for Miscellaneous Expenses		
Period Covered		\$0 00
MDNR/MDEQ Lab		
Penod Covered		\$0 00
Total for MDPH/Community Health Expenses		
Alternate Water Supply		
Period Covered	\$0 00	
Bottled Water		
Period Covered	\$0.00	
MDPH/MDCH Lab		
Period Covered	\$0.00	
Sub-Total		\$0.00
Attorney General Expenses		

Period Covered Other Expenses

Period Covered

Run Date 10/29/2009

Interest Calculated from through

Total Combined Expenses for Site and Interest

Sub-Total

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### MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

### COST RECOVERY SUMMARY REPORT

Date Printed 11/2/2009

\$0.00

\$113 13

Facility Name General Motors - Milford Proving Ground Site Name General Motors - Milford Proving Ground Address: 3300 General Motors Rd, Milford, Oakland County Facility ID 00016461 Site ID Number Package 441314/00 Bankruptcy Post 6/1/09		
Bankiupicy Post of 1709		
Total for Employee Salanes and Wages Period Covered. 6/1/09 through 6/13/09 Indirect Dollars Sub-Total	\$97 28 <u>\$15 85</u>	<b>\$</b> 113 13
our rotar		
Total for Employee Travel Expenses Period Covered		<b>\$</b> 0 00
Contractual Expenses Period Covered Contract Sub-Total	\$0.00	\$0.00
Total for Miscellaneous Expenses Period Covered		\$0 00
MDNR/MDEQ Lab Peпod Covered		\$0 00
Total for MDPH/Community Health Expenses Репоd Covered		\$0 00
Attorney General Expenses Period Covered		\$0 00
Sub-Total		\$113 13

Interest Calculated from

Total Combined Expenses for Site and Interest

through

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

**Cost Recovery Summary Report** 

Page: 1 of 1

Date: 11/12/2009

\$1,153 36

\$0.00

\$0.00

Source: ERNIE

Site Name Satterlee Sumpter Twp LF County Wayne Site ID 82000048 Satterlee Sumpter Twp - GM Bankruptcy Post 6/1/09 Package 453321-00 Total for Employee Salaries and Wages Period Covered 06/01/2009 - 09/30/2009 \$991 80 Indirect Dollars \$161 56 Sub-Total Total for Employee Travel Expenses Period Covered Contractual Expenses Period Covered \$0.00 Contract Sub-Total

Total for Miscellaneous Expenses
Period Covered \$0.00
MDNR/MDEQ Lab
Period Covered \$0.00
Total for MDPH/Community Health Expenses

otal for MDPH/Community Health Expenses
Alternate Water Supply
Period Covered \$0.00
Bottled Water
Period Covered \$0.00
MDPH/MDCH Lab
Period Covered \$0.00

Sub-Total \$0.00
Attorney General Expenses

Period Covered 07/31/2009 - 09/30/2009 \$337 50
Other Expenses

Period Covered \$0.00
Sub-Total \$1,490.86
Interest Calculated from through \$0.00

Total Combined Expenses for Site and Interest \$1,490.86

Run Date 11/12/2009

### UNITED STATES BANKRUPTCY COURT SOUTHERN DISTRICT OF NEW YORK

IN RE

MOTORS LIQUIDATION COMPANY, et al, Chapter 11 f/k/a General Motors Corp, et al

Case No. 09-50026 (REG)

Debtors

(Jointly Administered)

#### **AFFIDAVIT OF JACK SCHINDERLE**

I Jack Schinderle, being first duly sworn, deposes and states as follows

- I am an Environmental Manager employed by the Michigan Department of Environmental Quality ("MDEQ"), Waste and Hazardous Materials Division, in Lansing, Michigan I have been employed by the MDEQ since 1990
- I have personal knowledge of the matters stated in this Affidavit and, if called as a witness, I could competently testify to the same
- I am the supervisor of the unit that invoices and collects user charges authorized pursuant to Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA)
- The calculation of the user charges for General Motors Corporation (n/k/a Motors Liquidation Company MLC) is based on generator status information provided by MLC or derived from hazardous waste activity at each site and manifest activity (manifest user charges) Certain MLC sites are also subject to a handler user charge as a hazardous waste treatment, storage or disposal facility (TSD)

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Part 2 Pg 36 of 75

5. The information used to calculate the handler user charges included on the attached table was pulled from the Waste Data System (WDS) and Michigan Manifest Tracking System (MMTS) databases. The information in these databases is continually updated. The information used to produce the handler user charges was extracted on November 16, 2009.

6 MLC is not being charged for manifests dated after July 10, 2009 for facilities that are known to have had ownership or operations transferred to General Motors Company

7 The handler user charges for the 2009 calendar year attributed to thirty eight facilities identified on the attachment total \$18,400 00

The manifest user charges for the 2009 calendar year attributed to the thirty eight facilities identified on the attachment for manifests shipments prior to June 1, 2009 is \$1,776 00.

9 The manifest user charges for the 2009 calendar year attributed to the thirty eight facilities identified on the attachment for manifests shipments after June 1, 2009 is \$792 00.

Jack Schinderle

Waste and Hazardous Materials Division

Michigan Department of Environmental Quality

Subscribed and sworn before me this 24th day of November, 2009.

Sueann Marie Murphy Sueann Marie Murphy

**Notary Public** 

Isabella County, Michigan

My Commission Expires. March 5, 2013

Acting in the County of Ingham, Michigan

SUEANN MARIE MURPHY
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF ISABELLA
My Commission Expires Mar 15, 2013
Acting in the County of 1.05.

\$792	\$1,776	\$18,400				
	\$8	\$100	SQG	YPSILANTI	2885 TYLER RD	MIR000036293
\$16	<b>\$8</b>	\$100	SQG	MOXIM	30240 OAK CREEK DR	MIR000040014
\$8	<b>\$1</b> 6	\$100	SQG	TROY	18/0 TECHNOLOGY DRIVE	MIK928886431
\$8	\$40	\$400	LQG	MILFORD	3300 GENERAL MOTORS RD	MILU82220757
\$0	\$16	\$100	SQG	YPSILANTI	2901 TYLER RD	MID058810961
\$32	\$104	\$400	LQG	WARREN	6250 CHICAGO RD	MID050615996
\$0	\$8	\$100	SQG	WARREN	23500 MOUND RD	MID005356811
<b>\$</b> C	\$0	\$400	LQG	LIVONIA	13000 ECKLES RD	MID005356621
\$32	\$32	\$400	LQG	FLINT	6060 W BRISTOL RD	MID003906773
\$32	\$112	\$400	LQG	DETROIT	2500 E GENERAL MOTORS BLVD	MID980795488
\$32	\$24	\$2,400	LQG, TSD	SAGINAW	1629 N WASHINGTON AVE	MID041793340
<b>\$</b> 16	<b>\$</b> 16	\$100	SQG	LANSING	4400 W MOUNT HOPE HWY	MID085468965
<b>\$1</b> 6	<b>\$4</b> 8	\$400	Lac	LANSING	8175 MILLETT HWY	MIR000100313
\$	\$0	\$100	SQG	BURTON	4134 DAVISON RD	MIK135678852
<del>\$</del>	\$8	\$100	SQG	BELLEVILLE	50000 ECORSE RD	MID000718536
\$24 \$24	\$56	\$400	Lag	MILFORD	3300 GENERAL MOTORS RD	MID082220757
<b>\$</b> 3	\$104	\$400	LQG	LANSING	920 TOWNSEND ST	MID005356894
\$72	\$424	\$400	LQG	FLINT	G3100 VAN SLYKE RD	MID005356951
<b>\$</b> 32	\$88	\$400	LQG	LAKE ORION	4555 GIDDINGS RD	MID000718544
\$24 \$24	<b>\$</b> 56	\$400	LQG	ROMULUS	36880 ECORSE RD	MID000809905
\$24	\$8 ***	\$100	SQG	GRAND BLANC	10800 S SAGINAW ST	MID005356944
\$32	\$16	\$100	SQG	GRAND RAPIDS	300 36TH ST SW	MID006020408
S :	<b>\$</b>	\$400	LQG	YPSILANTI	2901 TYLER RD	MIK468293311
<del>\$1</del> 6	\$24	\$400	ည်	YPSILANTI	2930 ECORSE RD	MID980587893
\$16	& &	\$100	SQG	LIVONIA	12200 MIDDLEBELT RD	MID000718874
<del>s</del> 6	<del>5</del>	\$100	SQG	LIVONIA	13000 ECKLES RD	MID005356621
SA 6	<del>\$</del>	\$100		PONTIAC	1251 JOSLYN AVE	MID076331289
e e	<del>\$</del> 0	\$2,400	LOG. TSD	PONTIAC	900 BALDWIN AVE	MID005356910
		\$400	Log	PONTIAC	701 N GLENWOOD AVE	MID085470102
\$136	\$256	\$400	LOG	PONTIAC	220 E COLUMBIA AVE	MID005356886
9 i	<b>s</b> 0	\$100	SQG	PONTIAC	200 SOUTH BLVD W	MID980568836
\$72	\$128	\$400	- E	PONTIAC	2100 S OPDYKE RD	MID005356902
<del>s</del>	\$32	\$100	SQG	LANSING	2800-2801WEST SAGINAW ST	MID980700827
<del>9</del> 0	<del>\$</del> 16	\$400	LQG LQG	LANSING	401 N VERLINDEN AVE	MID005356928
\$56	\$48	\$400	90J	BAY CITY	1001 WOODSIDE AVE	MID005356688
<b>9</b>	<del>\$</del> 0	\$100	SQG	FLINT	4300 S SAGINAW	MID005356738
& .	<del>\$</del>	\$2,400	LQG, TSD	FLINT	1245 E COLDWATER RD	MID005356860
\$40	\$48		LQG, TSD	FLINT	902 E LEITH ST	MID005356712
Post Jui		User Charge	Status	City	Address	Site ID Number
Manifests	Manifests	Handler			•	; ;

### UNITED STATES BANKRUPTCY COURT SOUTHERN DISTRICT OF NEW YORK

IN RE:

MOTORS LIQUIDATION COMPANY, et al, f/k/a General Motors Corp., et al.

Chapter 11

Case No. 09-50026 (REG)

Debtors.

(Jointly Administered)

### AFFIDAVIT OF SUSAN KAELBER-MATLOCK

- I, Susan Kaelber-Matlock, first being duly sworn, depose and say:
- 1. I am employed as a Senior Geologist for the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ) in the Saginaw Bay District Office, Bay City, Michigan. I have been employed by the MDEQ for twenty four years and in the Senior Geologist position for the past twenty years. As a Senior Geologist, I have also acted as the Project Manager and geologist for several large and technically complex sites of environmental contamination.
- 2. I make this affidavit on personal knowledge acquired during the course of my employment and, if called as a witness, could competently testify.
- 3. As a Senior Geologist and Project Manager with RRD, I am involved in coordination with other state, local, and federal agencies and other divisions of the MDEQ. I provide technical assistance for other MDEQ staff, environmental consultants, communities, and the public; ensure consistency through standardized interpretation and application of the rules, policies, and procedures; and assist in establishing procedures and policies.
- 4. As a Project Manager, my responsibilities include overseeing the identification, investigation, and evaluation of sites where hazardous materials have been released into the environment. I review response actions conducted by private parties to determine compliance with state environmental regulations, including hydrogeological investigations, interim response actions, and remedial action plans. In addition, I coordinate my review of sites of environmental contamination with toxicologists and compliance and enforcement staff.
- 5. I am the Project Manager and Senior Geologist for the Saginaw Malleable Iron (SMI) Plant Property and the adjacent Greenpoint Landfill in Saginaw, Michigan. The northern portion of the property includes the former General Motors (GM) foundry and support areas and is currently owned by Motors Liquidation Company (MLC). The southern portion of the property includes the Greenpoint Landfill and the property is owned by REALM. There is a Consent Judgment, No 98-22686-CE-2, entered on March 16, 1998, between the Department of Attorney General, the Department of Environmental Quality, General Motors, and Waste Management,

Inc. for the entire facility. There is also an approved Limited Remedial Action Plan for Saginaw Malleable/Greenpoint Landfill, Saginaw County, Michigan, dated July 30, 2008 and subsequent modifications December 31, 2008. This property is referred to in the MDEQ files as SMI, located at 77 West Center Road in Saginaw, Michigan. I have been the Project Manager for this facility since 1989.

The SMI facility includes areas of environmental contamination relating to free phase liquids, polychlorinated biphenyl compounds (PCBs), and metals. There are groundwater/oil collection systems currently in place to address free phase liquids in two areas of the facility. With other activities, groundwater monitoring and operation and maintenance related to the SMI and Greenpoint Landfill remain to be completed. The remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at the northern portion of the SMI facility pursuant to the Consent Judgment, RAP, and Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$7,000,000 Please see Attachment 1 for details

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at the southern portion of the SMI facility including Greenpoint Landfill per the terms of the Consent Judgment, RAP, and Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$2,000,000. Please see Attachment 2 for details.

6. I am the Project Manager for the General Motors Powertrain Plant (GMPT), including the operating portion of the facility; the Machine Storage Area (MSA) and Crotty Street Channel; and the undeveloped portion of the site, now referred to as the Golson Wetland Park, in Bay City, Michigan. There is a 1999 legal agreement with MDEQ, MDEQ Reference No. LANDUSE-ERD-99-006, that was entered into subsequent to the 1992 Consent Judgment, No. 92-3740-CE, between the Department of Attorney General, the Department of Environmental Quality, and GM, for this facility. There is also an approved RAP, General Motors Powertrain-Bay City Remedial Action Plan, dated June 18, 1998, for this facility. Property ownership of the central portion of the facility, including the currently operating plant, support areas, and parking lots, was acquired by General Motors Company and this area was not included in the cost estimates. The property known as the undeveloped area in the Consent Judgment and RAP, now known as the Golson Wetland Park, is currently owned by the City of Bay City. It was formerly owned by General Motors, during which time the releases occurred The property known as the Machine Storage Area and Crotty Street Channel in the Consent Judgment and RAP were originally owned by GM (during which time the releases occurred), and is currently owned by REALM. The entire property is referred to in the MDEO files as GMPT. located at 1001 Woodside Avenue, in Bay City, Michigan. I have been the Project Manager for this facility since 1986

The environmental contaminants, primarily PCBs, found in the MLC portion of the facility, the Machine Storage Area and Crotty Street Channel, have been contained in place and isolated from

the adjacent Saginaw River and are included in the RAP and Consent Judgment for this facility Ongoing operation and maintenance activities include groundwater purge and treat system, groundwater monitoring, and cap maintenance

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at the Machine Storage Area and the Crotty Street Channel per the Consent Judgment, RAP, and Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$5,000,000 This includes an estimate of \$3,500,000 for replacement of the sheetpiling. The sheetpiling has an expected life span of 40-50 years and has been in place for almost 10 years. Please see attachment 3 for details.

The undeveloped area, now known as Golson Wetland Park, is currently owned by the City of Bay City, but is part of the GMPT Consent Judgment and the RAP that addresses the entire GMPT facility. Activities left to be completed at the site include groundwater monitoring and cap maintenance.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at the Golson Wetland Park per the Consent Judgment, RAP, and Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$1,000,000 Please see attachment 4 for details.

7. I am the Semor Geologist for the Plant Two Peninsula property, known in the GM bankruptcy documents as the Delphi Saginaw Plant 2 Landfill, Saginaw, Michigan. The property is owned by REALM. This property is referred to in the MDEQ files as the Delphi Plant 2 peninsula property and is located adjacent, and south of the Plant 2 property at 1400 Holmes, in Saginaw, Michigan. I have been the Senior Geologist for this facility since 1988

The MLC estimate only includes actions that will be necessary to address the selenium contamination at this facility. MLC considers the other contaminants to be the responsibility of Delphi Corporation. The MDEQ disagrees with this assessment since the contaminants came to be located at this facility during the time of GM ownership. The Delphi Plant Two peninsula property also includes areas of environmental contamination relating to groundwater migration and potential dumping from the Delphi Plant Two facility. Environmental concerns at the site include PCBs, volatile organic compounds, and metals in concentrations that exceed the Part 201 criteria. Investigation and remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address all the environmental conditions at this site in accordance with Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$7,000,000. Please see attachment 5 for details

8 I am the Senior Geologist for the Delphi Garey and Owen Road Warehouse, known

in the GM bankruptcy documents as the Former Howard Warehouse at 700 Garey Street in Saginaw, Michigan. The property was originally owned by GM, during which time releases occurred and is now owned by REALM. This property is referred to in the MDEQ files as the Delphi Garey and Owen Road Warehouse, 1700 Owen Road, Saginaw, Michigan. I have been the Senior Geologist for this facility since 1988.

The Delphi Garey and Owen Road Warehouse site includes an area of environmental contamination relating to the use of an underground tank which has been removed Investigation and remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at this site under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$200,000. Please see attachment 6 for details.

9 I am the Project Manager for the Bay City Middleground Landfill in Bay City, Michigan. This property is currently owned by the City of Bay City. GM used the landfill for disposal from the late 1950s until it was closed in 1986, and was a large contributor of PCB wastes to the landfill There is a Consent Judgment, No. 98-3513-CE-B, entered on October 6, 1998, between the Department of Attorney General, the Department of Environmental Quality, GM, the City of Bay City and Prestolite Company, now Honeywell Corporation The property is referred to in the MDEQ files as the Middlegrounds Landfill, located on Evergreen Road in Bay City, Michigan. I have been the Project Manager for this facility since 1986.

The Middleground Landfill has an approved RAP, titled Remedial Action Plan for the Bay City Middleground Landfill, Bay County, Michigan, dated December 2008. Substantial interim response activities have already been completed at this facility, however building demolition, groundwater and air monitoring, and operation and maintenance activities associated with the landfill, remain to be completed. The remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at Middleground Landfill per the Consent Judgment, RAP, and Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$3,000,000 See attachment 7 for details

10 I am the Senior Geologist for the Delphi Plant Two facility in Saginaw, Michigan The Delphi Plant Two facility has been owned by Delphi Corporation since 1999. The releases occurred during the time of GM ownership prior to 1999. This property is referred to in the MDEQ files as Delphi (GM) Saginaw Division Plant Two, located at 1400 Holmes, in Saginaw, Michigan. I have been the Senior Geologist for this facility since 1988.

The Delphi Plant Two facility includes areas of environmental contamination relating to underground pits, processes, and operations at the plant. There are free phase liquids present in several locations on the property that contain PCBs and volatile organic compounds in

concentrations that exceed the Part 201 criteria. There are oil recovery systems currently operating at the facility. Investigation and remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at Delphi Plant Two per Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$25,000,000 An previous estimate was provided in the Delphi bankruptcy filing The current estimate is significantly larger than previous estimates due to the need for source control at this facility. Delphi has been attempting to recover free product at this site for some time, but progress has been hampered by the presence of basements, tunnels, and other underground structures which were not addressed during the building demolition. The MDEQ considers that excavation is the most effective means of addressing the site See attachment 8 for more details.

11. I am the Senior Geologist for the Delphi Energy and Chassis Operations located at 2328 East Genesee Avenue, Saginaw, Michigan. The property was owned by GM prior to 1999 during which time releases occurred, and from that time until recently, was owned by Delphi Corporation. The site is currently owned by TRW and TRW did submit a Baseline Environmental Assessment in 2008 prior to the acquisition of the property The environmental conditions at this site are currently being addressed by Delphi Corporation. This property is referred to in the MDEQ files as Delphi Chassis in Saginaw, Michigan. I have been the Senior Geologist for this facility since 1988.

The Delphi Chassis facility includes areas of environmental contamination relating to underground pits, processes, and operations at the plant. The contaminants in the soil and groundwater include free phase liquids and PCBs. There is a groundwater purge and treat system at the facility Investigation and remedial costs were estimated based on the information known regarding this property.

Using my best professional judgment, the total estimated future cost for the response actions needed to address the environmental conditions at Delphi Energy And Chassis Operations per Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, is likely to exceed \$1,500,000. See attachment 9 for more details

12. The estimated costs provided above were developed assuming that the State of Michigan conducts all remedial activities at the facility Additional unknown environmental conditions may exist at the facility that could significantly increase the future response costs.

Sugan Kaelher-Matlock

Subscribed and sworn to before me this 244 day of November, 2009. Notary Public Jant K Davila, modernd C., Acting in and for Gounty My Commission Expires: 9/14/12 6

GM/Delphi Part 201 Cost Comparisons Sue Kaelber-Matlock, MDEQ-Bay City

			GM signee to Consent	DEO	
Attachment Property		Address	Judgment	Estimate	Comments
	MLC. owned property with the state of the st				
			yes, part of SMI CJ, with Waste		
-	Saginaw Malleable Iron	77 Center, Saginaw	Management, Inc	\$7,219,255	\$7,219,255 RAP implementation
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2	Greenpoint Landfill, including the Eastern Extension Property	3300 Salt St. Saginaw	yes, part of SMI CJ, with Waste Management Inc	\$2 292 616	\$2 292 616 BAD implementation
					RAP
					Implementation, includes \$3.500,000
က	GMPT-Bay City (MLC property)	1001 Woodside Ave, Bay City	yes, part of GMPT RAP	95 084 046	for sheetpiling
5		V Center, Saginaw	00	\$7.453.618 monitoring	monitoring
9	Howard Warehouse (Owen Rd Warehouse)			6240 240	240 240 0000000000000000000000000000000
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	Property, not owned by, MLC; but GM				
	Solson wetland property owned by				
4	Bay City)	Johnson St, Bay City	yes, part of GMPT RAP and CJ	\$1,113,971	\$1,113,971 RAP implementation
7	Middlegrounds Landfill (property owned by Bay City)	Evergreen Rd, Bay Cıty	yes, CJ with Honeywell & city of Bay City	\$3.416.147	\$3.416.147 RAP implementation
80	Delphi Plant 2 (Delphi owned property)	1400 Holmes St, Saginaw	ОП	\$25,817,134 excavation	excavation
σ	Delphi Chassis (property owned by				excavation and groundwater
<u>}</u>	Ctooping (and	2328 Genesee, Saginaw	no	\$1,555,639 recovery	recovery
	by GMC)	3900 Holland Rd, Saginaw	90		
	GMPT -Bay City (GMC owned property)	Woodside Ave Bay City	yes, part of GMPT RAP		
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Sue Kaelber-Matlock, MDEQ-Bay City

Michigan Department of Environmental Quality

Engan Department of Environmental Claims
Cost Table for Environmental Claims
Saginaw Malleable Iron
77 W Center Saginaw

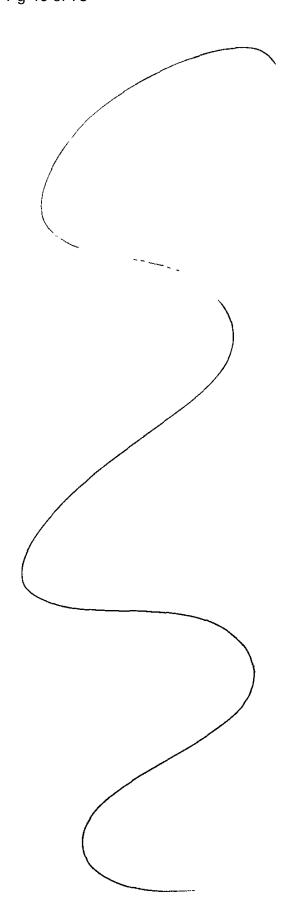
77 W Center, Saginaw 23-Nov-09

Not including Greenpoint Landfill, property owned by MLC, facility has an approved RAP and Consent Judgment building demolition is underway

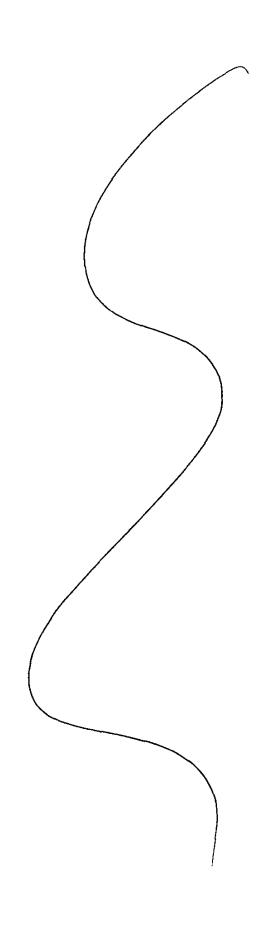
soil and concrete removal under foundation, LNAPL recovery at 2 locations, deed restrictions and permanent markers, Site needs include groundwater monitoring, cap maintenance, soil grubbing and restoration along Saginaw River,

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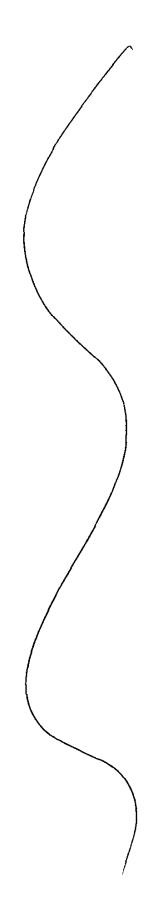
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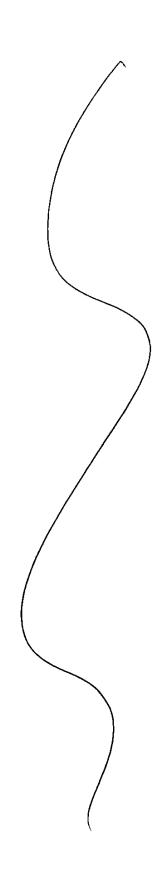
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	9	Soil Excavation and Disposal	A Non-Hazardous Soil (per cubic yard)	B Hazardous Soil (per cubic yard)	ő	A Full Scan <sup>2</sup>	В	S		E	Bac	4 Consultant Oversight (per day);(6 month	5 15% Contingency events 15% Contingency	Stai	
		题1	-	=	[2] Confirmation Sampling (9 Samples per 3	_	_	Ĭ	=	<del></del>	ે3 Backfill and Compaction (per cubic Yard	4 Consultant Oversight (per day) (6 month Excavation Report	3	≛6 State Oversight Costs (5%) र क्रिस्टो 🕯 🖢 🎓 🖦	
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	Soil Vapor Extraction System		
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	Construction Specifications (Lump Sum)	00 000 6 💲	\$0.00
	Clearing & Grubbing (per acre):	\$ 4,725.00	\$0 00
	SVE Well Installation (per well, avg 6' deep) <sup>6</sup>	00 009 -; - \$	\$0.00
	Collection Trench Excavation (per linear foot, 24" wide, 2' deep)7	00 09 \$	\$0 00
	Piping Installation (per linear foot)	\$ 30 00	\$0 00
	Non-Haz Contaminated Soil Transport and Disposal (CY of well and trench spoil)	\$ 50 00	\$0.00
	General Backfill for Trench (per CY, from 2' to 0' bgs)	\$ 20 00	\$0 00
	Cat-Ox unit rental (monthly)	-00 005'2 - \$	\$0.00
	2000 lb Granular Activated Carbon Unit	\$ 6,000 00	\$0 00
	Purchase New Carbon for 30 months of operation @ \$1 25/lb <sup>8</sup>	\$ 2,500 00	\$0.00
	Dispose of Waste Carbon for 30 months of operation @ \$2 00/lb <sup>8</sup>	\$ 4,000 00	\$0.00
	Blower	\$ 10,000 00	\$0 00
	SVE Trailer	\$ 20,000 00	00 0\$
	O&M (Years)	\$ 25,000 00	\$0 00
	Submittals (Lump Sum) for Monthly or Quarterly Reports	\$ 10,000 00	\$0 00
	Verification of Soil Remediation Samples	\$ 150 00	\$0 00
	Electrical (lump sum)	\$ 10,000 00	\$0 00
	Mechanical (lump sum)	\$ 15,000 00	\$0.00
	Start up & Trouble Shoot	\$ 15,000 00	\$0 00
	Site Restoration	\$ 12,000 00	\$0.00
	Verification of Soil Remediation Samples	\$ 150 00	- \$0 00
11	12 Consultant OverSight (per day)を言いからいかいないないないないない。このできないできないでは、これのできない。	±\$∰**600 00∄	S. 17. 4 1 1 2 5 0.00
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4) Metals only	\$184 00 \$0 00
5) PCBs only	\$221 00 \$0 00
B -Disposal Non-Hazardous Groundwater incl transportation (per gallon)	\$0.65
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1 Gr	Groundwater Collection System Installation of the Collection of th	地震が必		
Se C	Cleaning & Grubbing (per acre) area along Saginaw River	3	\$ 4,725 00	\$14,175.00
වි	Collection Trench Excavation (per linear foot, 36" wide, 8' deep)		\$ 100 00	\$0 00
Ž	Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY) <sup>±</sup>		\$ 50 00	\$0.00
Pe	Pea Gravel for Trench Backfill (per CY, from 8' to 4' bgs)	,	\$ 20 00	\$0 00
e Ge	General Backfill for Trench (per CY, from 4' to 0' bgs)		\$ 20 00	\$0 00
ပ်	Groundwater Well/Sump Installation (per well, whole crew, incl. well installation)		\$ 3,000 00	\$0 00
ပ်	Groundwater Recovery Pumps (per well, incl installation)		\$ 3,000 00	\$0 00
Ā	Air Compressor (10 Hp for pumps)	,	\$ .7,500 00	\$0 00
P.p.	Piping Installation (per linear foot)		\$ 30 00	\$0 00
င်	Co-Precipitation Remediation System - Purchase		\$248,000 00	\$0.00
ပိ	Co-Precipitation Remediation System Installation		\$ 66,000 00	\$0 00
Tre	Treatment System Trailer - Purchase		\$ 20,000 00	\$0 00
Lia	Liquid Phase GAC Vessels for Carbon (1000 Lbs Capacity) - Purchase		\$ 3,500 00	\$0.00
ğ	Mechanical		\$ 18,000 00	\$0 00
E	Electrical		\$ 18,000 00	\$0 00
Se	Sewer Connection & Permitting		\$ 15,000 00	\$0 00
Sta	Start up & Trouble Shoot		\$ 15,000 00	\$0 00
S.	Site Restoration	3	\$ 12,000 00	\$36,000 00
2 Co	2 Consultant Oversight (per day) ಉತ್ತರ್ಣೆಗಳನ್ನು ಹಾಗ್ ಸ್ಟ್ ಎಸ್ಟ್ಸ್ ಜಾನ್ಸ್ ಸ್ಟ್ ಅಂಗಾ ಕ್ರಾನ್ತ್ - ್ ಕ್ರಾಂಡ್	· **	7- 00 009\$ # Jer	1. St. 5. \$0 00
3 15	3 15% Contingency ಸಿಪ್ಪರಿಕಾಗಿ ಕ್ರಿಗೆ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಪ್ರಾಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸಿಸ್ ಸ	4.	1.3 " St. " S. " S. "	\$7,526 25
4 Sta	74 State Oversight Costs (5%) ನೆಳಾ: ್ವಿಸಿ ಬ್ರಾಮಾನ್ ಶಿಷ್ಟುಗಳು ಸ್ವಾನ್ಯೆಸ್ಕ್ ಸ್ಟ್ರಾಮ್ಸ್ಟ್ ಸ್ಟ್ರೀಸ್ಟ್ ಪ್ರೀ	155 Jack		S\$ \$2,885.06
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nance for 10 Years 11 - 15 - 15 - 15 - 15 - 15 - 15 - 15	With the second		7 3 - 4,500 00 - \$135,000 00		60 - \$15,000 00 \$900,000 00	60 \$ 24,000 00 \$1,440,000 00	\$ 14,400 00 \$0 00	30 \$ 1,500 00 \$45,000 00	30 \$ 3,500 00 \$105,000 00	30 \$ 8,500 00 \$255,000 00	130 \$1,500 \$195,000 00	\$15,000 00	· · · · · · · · · · · · · · · · · · ·	Company of the Control of the Contro
Groundwater System Monitoring and Operation and Maintenance for 10 Years		ms/continuing₅for 30/years) : See See See See See See See See See S			Purchase of new carbon (1000 lbs per month @\$1 25/lb) Yearly amount is unit cost ( 2x/yr for 30 yrs)	tth @ \$2/lb) (2x/yr for 30 yrs)	Sludge Disposal (4 ton/month @ \$300/ton, only for sludge from Co-precipitation) Yearly amount is unit cost	st (30 years)	oort annually for 30 yrs)	is unit cost- (cap maintenance and erosion control for 30 yrs)		ers (\$10,000)		The Month of the M
C Groundwar	IN Need State of the State of t	#1 System.O&M#(2:ENAPL*recovery:system	ি Utities (per year) <u>- ইন্ট্রিক মন কিন্দ্রিক মন্ ইন্ট্রিক</u> দলন্দ্র স্থানি	Wastewater Discharge (\$1 22/780 gallons) €.	Purchase of new carbon (1000 lbs per month @	Dispose of Carbon & Change Out (1000lbs/month @ \$2/lb) (2x/yr for 30 yrs)	Sludge Disposal (4 ton/month @ \$300/ton, only	Monitoring - Materials - Yearly amount is unit cost (30 years)	Reporting - Yearly amount is unit cost (O&M report annually for 30 yrs)	- Post Remediation Monitoring - Yearly amount is	well abandonment	Deed restrictions (\$5,000) and permanent markers (\$10,000)	□3 State Oversight Costs (5%)	一 は、 年 に は は は は は は は は は は は は は は は は は は

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Total for Site Remediation: \$7,219,255 45

1 Assume 50 feet btw borings

2 If contaminant is unknown run "full scan"

3 SF of building multiplied by estimated height

4 If no Asbestos Survey has been completed, assume ordered demo of building

5 Assumed reinforced concrete

<sup>6</sup> For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume

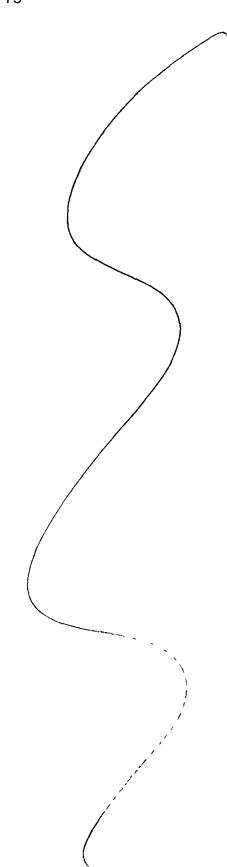
<sup>7</sup> Measure distance to central location for SVE trailer from each well

<sup>8</sup> First year - monthly, second year quarterly and remaining half year quarterly

<sup>9</sup> Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7 48 for estimated gallons

10 Trench installed width of plume on leading edge. Use 0's in unit column if no groundwater remediation system

11 Use only If "Groundwater Treatment" is chosen over removal. Use 10's in unit column for estimated 10 years of O&M



Page 7 of 7

Sue Kaelber-Matlock, MDEQ-Bay City

## Michigan Department of Environmental Quality

Cost Table for Environmental Claims Greenpoint Landfill 3300 Salt St, Saginaw

23-Nov-09

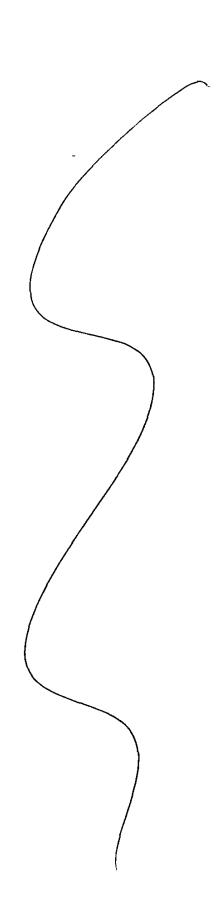
part of SMI RAP and SMI Consent Judgment, owned by REALM

Needs - annual monitoring of 13 wells for 30 years, cap maintenance, deed restrictions, markers south of LF, disconnect pipe and remove area of contaminated soils, venfication samples

east of landfill, need deed restrictions on East Extension property, owned by REALM

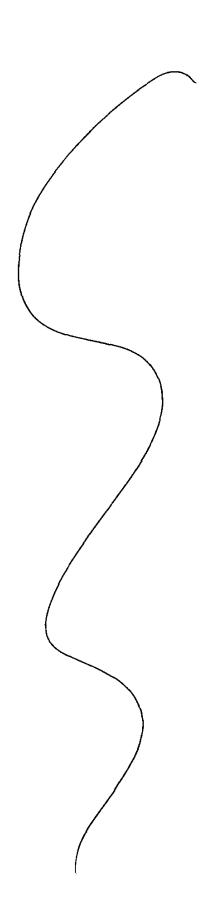
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Affachment 2



Need   Punitosis	Soil Vapor Extraction System		
p Sum)  vg 6' deep)  r Innear foot, 24" wide, 2' deep)  r Innear foot, 24" wide, 25" wide, 25" wide, 20" of 0.00  r Innear foot, 24" wide, 25" wide, 25" wide, 25" wide, 25" wide, 25" wide, 25		4200 MAY 100 M	Total 3
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vg 6' deep) <sup>6</sup> \$ 600 00         r Innear foot, 24" wide, 2' deep) <sup>7</sup> \$ 60 00         )       \$ 30 00         Sport and Disposal (CY of well and trench spoil)       \$ 500         27, from 2' to 0' bgs)       \$ 7,500 00         30 Unit       \$ 7,500 00         and Unit       \$ 7,500 00         non Unit       \$ 7,500 00         nonths of operation @ \$2 00/lb <sup>8</sup> \$ 2,500 00         months of operation @ \$2 00/lb <sup>8</sup> \$ 10,000 00         Samples       \$ 10,000 00         Samples       \$ 15,000 00         Samples       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00         \$ 15,000 00       \$ 15,000 00 <td>Fig. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>٠.</td> <td>\$0.00</td>	Fig. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	٠.	\$0.00
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Street	Contaminated Soil Transport and Disposal (CY of well and trench spoil)		\$0 00
nonths of operation @ \$1 25/lb <sup>8</sup>	Backfill for Trench (per CY, from 2' to 0' bgs)		\$0 00
nths of operation @ \$1 25/lb <sup>8</sup> months of operation @ \$2 00/lb <sup>8</sup> \$ 4,000 00    \$ 10,000 00     \$ 10,000 00     \$ 15,000 00	ınıt rental (monthly)	1	\$0 00
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>  A? 8 hours of pumping, Manned (per day)====================================	\$1,760.00
- B · Frac-Tank Delivery (per hour) - Assume 8 hours unless known [== 1]	00 0\$ - 00 56\$
المادية الماد	\$266.00
D Frac Tank Decon (per hour) - Assume 8 hours unless known	\$145 00 \$0 00
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1) Full Scan <sup>2</sup>	\$1,157 00
2) VOCs only	\$110 00 \$0 00
3) SVOCs only	\$221 00 \$0 00
4) Metals only	\$184 00 \$0 00
5) PCBs only	- \$221 00 \$0 00
B Disposal Non-Hazardous Groundwater incl transportation (per gallon) <sup>9</sup>	\$0.00
C_Disposal Hazardous Groundwater (per gallon)	\$4 56 \$0 00
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代 Groundwater Collection System Installation 是			
Clearing & Grubbing (per acre)	-	\$ 4,725 00	\$0.00
Collection Trench Excavation (per linear foot, 36" wide, 8' deep)	97	\$ 100 00	\$0.00
Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY)		\$ 50 00	00 0\$
Pea Gravel for Trench Backfill (per CY, from 8' to 4' bgs).	,	\$ 20 00	00 0\$
General Backfill for Trench (per CY, from 4' to 0' bgs)	97	\$ 20 00	00 0\$
Groundwater Well/Sump Installation (per well, whole crew, incl. well installation)		\$ -3,000 00	\$0.00
Groundwater Recovery Pumps (per well incl installation)	-	\$ 3,000 00	\$0.00
Air Compressor (10 Hp for pumps)	,	\$ 7,500 00	\$0 00
Piping Installation (per linear foot)		\$ 30 00	\$0 00
Co-Precipitation Remediation System - Purchase		\$248,000 00	00 0\$
Co-Precipitation Remediation System Installation		\$ 66,000 00	00 0\$
Treatment System Trailer - Purchase	-	\$ 20,000 00	00 0\$
Liquid Phase GAC-Vessels for Carbon (1000 Lbs Capacity) - Purchase		\$ 3,500 00	00 0\$
. Mechanical 72 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-	\$ 18,000 00	00 0\$
_ Electrical		\$ 18,000 00	00 0\$
Sewer Connection & Permitting		\$ 15,000 00	00 0\$
Start up & Trouble Shoot		\$ 15,000 00	\$0.00
Site Restoration		\$ 12,000 00	00 0\$
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	F. Constant Groundwater, System Monitoring and Operation and Maintenance for 30 Years !!!	ince for 30	Years !!		
Veed -	LANCE CONTRACTOR OF THE STATE O		ing shing 是是	Unit Cost	Total
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Julities (per year)	ear) المراكبة المراكبة المراكبة المركبة	4 1	1, 1, 4, 41	4,500 00 111 211	00 0\$ 15
Vastewat	Wastewater Discharge (\$1 22/780 gallons) 、 , ぎ	1 13	-	\$ 12,000 00	00 0\$
<sup>2</sup> urchase	Purchase of new carbon (1000 lbs per month @\$1 25/lb) Yearly amount is unit cost	, -	- <u>-</u>	- \$15,000 00.	00 0\$
Oispose	Dispose of Carbon & Change Out (1000lbs/month @ \$2/lb) - Hazardous Waste Yearly amount is unit cost-	1		\$-24,000 00	00 0\$
Sludge [	Sludge Disposal (4 ton/month @ \$300/ton; only for sludge from Co-precipitation) Yearly amount is unit cost	Sost.		\$-14,400 00	00 0\$
Vontori	Monitoring - Materials - Yearly amount is unit cost (annual O&M for 30 yrs).	T	1	-\$ 1,500 00	00 0\$
Reportin	Reporting - Yearly amount is unit cost (30 yrs)	1		\$ 3,500 00	\$0 00
well aba	well abandonment		13	\$1,500	\$19,500 00
Post Rei	Post Remediation Monitoring (cap maintenance and erosion control for 30 yrs)		30	\$ 8,500 00	\$255,000 00
Deed res	Deed restrictions (\$5,000 at 2 properties) Permanent markers (\$10,000)		'n		\$20,000 00
15%.Cc	-2/15%iContingency	The Carting Carlo		W. C. S. S.	到44.175°00
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**海影/歌\$101,576 95** 學言學者自231年制度 \$5,000.00克 居\$155,000 00 Miscellaneous Project Tasks BidiDocs/Contractor Procurement (excavation / 1:time and sampling annually for 30 yrs) Contractor Mobilization (5% of total project cost) Closure Report (LS)

### Total for Site Remediation \$2,292,616.01

<sup>1</sup> Assume 50 feet btw borings

2 If contaminant is unknown run "full scan"

3 SF of building multiplied by estimated height

4 If no Asbestos Survey has been completed, assume ordered demo of building

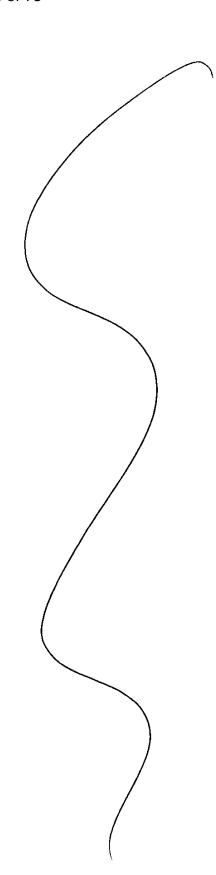
<sup>6</sup> For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume <sup>5</sup> Assumed reinforced concrete

Measure distance to central location for SVE trailer from each well

 $^{\mathrm{8}}$  First year - monthly, second year quarterly and remaining half year quarterly

<sup>9</sup> Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7 48 for estimated gallons 10 Trench installed width of plume on leading edge. Use 0's in unit column if no groundwater remediation system

11 Use only If "Groundwater Treatment" is chosen over removal. Use 10's in unit column for estimated 10 years of O&M



DE

Sue Kaelber-Matlock, MDEQ-Bay City

Michigan Department of Environmental Quality
Cost Table for Environmental Claims
GMPT Bay City
Woodside Ave, Bay City MID005356688

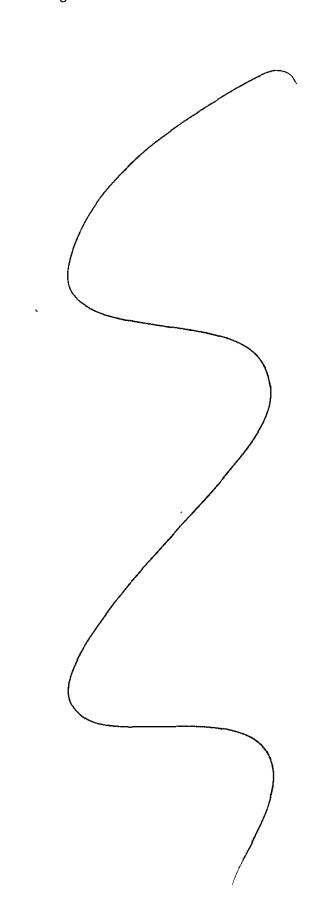
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property owned by REALM (MSA and Crotty St channel) part of approved RAP and Consent Judgment for GMPT-Bay City

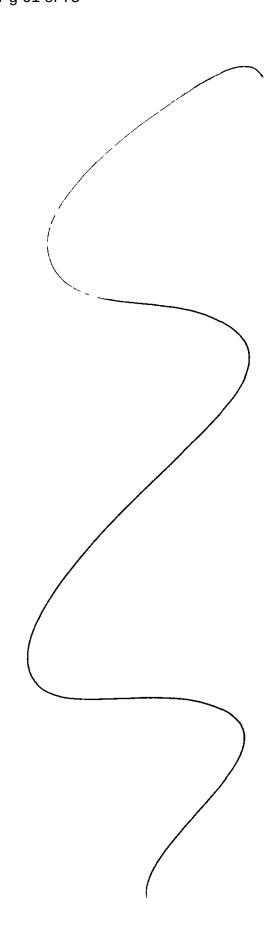
annual groundwater monitoring for 25 yrs, cap maintenance, sheetpile and deep soil mixing wall maintenance, Site needs include dewatering to maintain inward hydraulic gradient, gw disposal to GMPT WWTP, deed restriction and permanent markers

1	'translater, Monitoring   Constant   Groundwater, Monitoring   Constant   Con			
***	S Needs	Saluto Tours	Uniti Cost	Total
16.5	[1] GeoProbe and crew for 7 borings inclitemp: Wells (per day).		<b>○分:(数\$3;000,00[[東馬賽\$0</b> `00	等。\$0.00
7	[2] Soil Samples (2. per. boring) 2 安宁 10 10 10 10 10 10 10 10 10 10 10 10 10	1.552.5		S. Constitution
	A Full Scan <sup>2</sup>	3	\$1,157 00	\$0 00
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	C SVOCs only		\$221 00	\$0.00
	D Metals only	,	\$184 00	-\$0 00
-	E PCBs only		\$221 00	00 0\$
st.	F3 Water, Samples (35 existing.wells)。三元治,西南和江南经过,阿林西南部南南南南南南南南南南南南南南南南南南南南南南南南	<b>以物学现象</b>	一一一一一一	一件教室、要
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7	E_PCBs only == 1		\$221 00	\$0.00
┙	F General Chemistry and Static Water Levels (annually at 35 wells for 25 yrs)	875	- \$110.00	\$96,250 00
11.	24 Consultant Oversight (perday) (3 months oversight for O&MFincl gw.monitoring annually for 25 yrs) 包含 1500	三1500至	3\$   00 009\$	900,000.00
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44	[6]15% Contingency和美国军事的工作。他是一位是一位一种一个工作,是一位工作,是一	<b>三种</b>	(学): 1435]   [1435]   [1435]   [1437]   [148]   [148]   [148]   [148]   [148]   [148]   [148]   [148]   [148]	149,437*50
1,	[7] State Oversight Costs (5%) 注写之一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一	THE STATE OF		\$57,284.38
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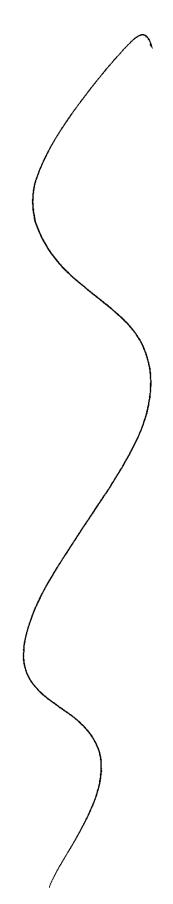
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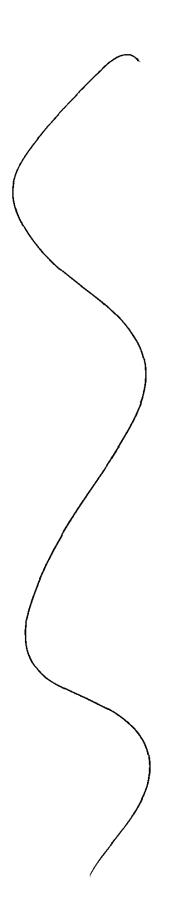


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Need	3)1011)	Hull	15,24
5.1 Soil, Vapor Extraction System		1 2	
Construction Specifications (Lump Sum)	(c)	00 000 B	00 00
Clearing & Grubbing (per acre)			000
SVE Well Installation (per well, avg 6' deep) <sup>6</sup>		1	200
t, 24" wide, 2"	2' deep) <sup>7</sup>	Ì	000
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sport and I	Disposal (CY of well and trench spoil)		00 00
General Backfill for Trench (per CY, from 2' to 0' hos)	ı		00.00
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		\$ 6,000 00	\$0 00 \$0
Purchase New Carbon for 30 months of operation @ \$1 25/lb*	25/lb <sup>a</sup>	\$ 2.500 00	90 08
Dispose of Waste Carbon for 30 months of operation @ \$2 00/lb8	\$2 00/lb <sup>8</sup>		00 00
Blower		₹	9
SVE Trailer			00 00
O&M (Years)			\$0.00
		- 1	20 00
Substitutes (Lutrip Surry to Montality or Quartery Reports		\$ 10,000 00	\$0.00
Verification of Soil Remediation Samples		\$ 150 00	\$0.00
Electrical (lump sum)		\$ 10,000 00	\$0.00
Iwechanical (lump sum)		\$ 15,000 00	80 00
Start up & Trouble Shoot		\$ 15,000 00	\$0.00
Site Restoration		\$ 12,000 00	\$0 00
Verification of Soil Remediation Samples	, , ,	\$ 150 00	\$0.00
*2 Consultant Oversight (per day) The think the table of the consultant Oversight (per day)	「「「「「「「「」」」、「主義の一番で、「一番の一般を一般を一個なってれる	.\$==: 600 00	00 08 4
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	The Soil Vapor Extraction Cost	traction Cost	\$0:00 ×



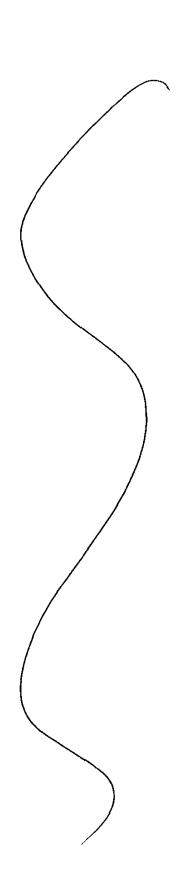
Page 4 of 7

	##Off   ##Of	"好是是在国际社会主义的,我们是一个是一个人的,我们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的,他们也是一个人的一个人,他们也是一个人的一个人,他们也是一个人的一个人,他们也是一个人们也是一个人的一个人们也是一个人们也是一个人们也是一个人们也是一个人们也是一个人们的一个人们也是一	00 08 St 1 00 001, 12 mm 1 1,760 00 mm 50 00	00 0\$ . 00 96\$	\$266 00 - \$0 00	\$145.00	大小一年 · 一下一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一		\$1,157 00 \$0 00	\$110 00 \$0 00	\$221 00 \$0 00	\$184 00	\$221 00	\$0.65 \$0.00	. \$4.56	1862	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	20 00   01,157 00 \$0 00	\$110 00 \$0 00	\$221 00	\$184 00 \$0 00	\$221 00 \$0 00	で変なながっている。これを記録している。これを記録、S600 00   100 - 100 00   100 00 00   100 00 00 00 00 00 00 00 00 00 00 00 00	<u>00 08: -23E1-1-324-1-755-1-465-1-356-386-386-386-00</u>	00 0\$ \$4 1,5 amily 19 19 19 19 19 19 19 19 19 19 19 19 19
Groundwater Removal	Page 1	"I Groundwater pumping to Frac Tank Talk Talk Talk Talk Talk Talk Talk Tal	A 8 hours of pumping, Manned (per day)	Frac Tank Delivery (per hour) - Assume 8 hours unless kn	C Frac Tank Rental 21,000 gal (per week)	D Frac Tank Decon (per hour) - Assume 8 hours unless known	12 Groundwater Disposal等存在了報館、生物的,是是特別的影響。 解析學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學	A Waste Water Characterization -	1) Full Scan <sup>2</sup>	2) VOCs only ·	3) SVOCs only	4) Metals only	5) PCBs only	B Disposal Non-Hazardous Groundwater incl transportation (per gallon) <sup>9</sup>	C Disposal Hazardous Groundwater (per gallon)	<b>33 Groundwater,Monitoring\Wells和企业的的。1866-1986</b> 。1886-1986	::4 Groundwater.Confirmation Samplingk+法法院等等等等。	A Full Scan <sup>2</sup>	B VOCs only	C SVOCs only	D Metais only	E PCBs only	is Consultant Oversight (per′day) प्रकृत्या मिन्ना अधिक अन्तर्भ का	36 15%·Contingency ション・ニーニー こうない こうかい こうがん こうしゅう こうしゅうしょう こうしゅうしょう こうしゅうしょう こうしゅうしょう こうしゅうしゅう こうしゅう こうしゃ こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゃ こうしゅう こうし こうしん こうしん こう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こうしゅう こう こう こうしゅう こう	n7 State Oversight Costs (5%)/广泛可读表示。



Page 6 of 7

Unit Cost	A 705 00 CO	,		20 00 \$0 00	20 00 \$0 00	3,000 00-80 00 000,8	3,000 00 \$90,000 00	7,500 00 \$ 00 00	30 00 \$000	\$248,000 00 \$0 00	00 00 \$0 00 000	20,000 00 \$0 00	3,500 00 \$0 00	18,000 00 \$0 00	18,000 00   \$0 00	15,000 00 \$0 00	15,000 00 \$0 00	12,000 00 \$0 00	00 08年、主土100 0098、新山	13,500 00 state   13,500 00	स्टिस्ट स्टिस्ट में स्टिस्ट स्टिस स्ट
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Need: Dewatering System already Joperating and pumping to adjacent GMP I WWIP		Collection-Trench Excavation (per linear foot, 36" wide, 8' deep)	Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY)	Pea Gravel for Trench Backfill (per CY, from 8' to 4' bgs)	General Backfill for Trench (per CY, from 4' to 0' bgs)	Groundwater Well/Sump Installation (per well, whole crew, incl. well installation)	Groundwater Recovery Pumps (per well, incl. installation) (replace 1 pumpiyear for 30 years)	Air Compressor (10 Hp for pumps)	Piping Installation (per linear foot)	Co-Precipitation Remediation System - Purchase	Co-Precipitation Remediation System Installation	Treatment System Trailer - Purchase	Liquid Phase GAC Vessels for Carbon (1000 Lbs Capacity) - Purchase	Mechanical -	Electrical	Sewer Connection & Permitting	Start up & Trouble Shoot	Site Restoration	र2 Consultant Oversight (per day)ण जन्म किल्ला क्रिक्ट कर असे क्ष्मिक क्ष	.3/15% Contingency ಪ್ರೀಪ್ ಪ್ರೀಪ್ ಪ್ರೀಪ್ ಸ್ಟ್ ಸ್ಟ್ ಪ್ರಾಪ್ತಿಸ್ಟ್ ಪ್ರಾಪ್ತಿಸ್ಟ್ ಪ್ರಾಪ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಿಸ್ಟ್ ಪ್ರಿಸ್ಟ್ ಪ್ರಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ಟಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್ತಿಸ್ಟ್ ಪ್ರಸ್	14 State Oversight Costs (5%)が先よります。このでは、これのでは、これがある。



Groundwater System Monitoring and Operation and Maintenance for 25 Vears 11		
	f. Is Unit Cost	Total Services
In System, ORM Department of the Property of the Partment of t		
Utilities (per year)	25 \$ _ 4;500.00   - \$112,500 00	\$112,500 00
Wastewater Discharge (\$1-22/780 gallons)	\$ 12,000 00	00 o\$ □
Purchase of new carbon (1000 lbs per month @\$1 25/lb) Yearly amount is unit cost	-\$15,000 00	00 0\$
Dispose of Carbon & Change Out (1000lbs/month @ \$2/lb) - Hazardous Waste Yearly amount is unit cost	\$ 24,000.00	00 0\$
Sludge Disposal (4 ton/month @ \$300/ton, only for sludge from Co-precipitation) Yearly amount is unit cost	\$ 14,400 00	\$0 00
Monitoring - Materials - Yearly amount is unit cost	\$ 1,500 00	\$0 00
Reporting - Yearly amount is unit cost (Annual O&M report, including gw monitoring)	25 \$ 3,500 00	\$87,500 00
Post Remediation Monitoring - Yearly amount is unit cost (cap maintenance and erosion control for 25 yrs)	25 \$ 8,500 00	\$212,500 00
well abandonment	- 35 - \$1,500	\$52,500 00
Sheet pile replacement 2200' x 60' deep	2,200 \$1,600	\$3,520,000 00
Deed restrictions (\$5000) and permanent markers (\$10,000)	A STATE OF THE PERSON NAMED OF THE PERSON NAME	\$15,000 00
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<u>在蔣春春東海蘇縣是高寶寶,舞子編集總字"艦,擊克哪」建學皇子一等一字Totāli Groundwater MonitoFing-and (Maintenance and Operation Cost:   \$4,264;968:75</u>	1.Operation Cost	\$4,264,968:75

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Niscellaneous Project Tasks	5.yrs)[[三] 聖子清香(31、40、三三年][元/25即刊出\$5;	報の出版を対象を表し、政	,第二次是否是由了整一部上就下解了第二条,各种有两种。这种是一种的特殊的各种的1500~	<u> </u>
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Total for Site Remediation: \$5,984,946.41

1 Assume 50 feet btw borings

2 if contaminant is unknown run "full scan"

3 SF of building multiplied by estimated height

4 If no Asbestos Survey has been completed, assume ordered demo of building

5 Assumed reinforced concrete

 $^{\rm 6}$  For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume  $^{\rm 7}$  Measure distance to central location for SVE trailer from each well

8 First year - monthly, second year quarterly and remaining half year quarterly

<sup>9</sup> Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7 48 for estimated gallons

10 Trench installed width of plume on leading edge. Use 0's in unit column if no groundwater remediation system

11 Use only If "Groundwater Treatment" is chosen over removal. Use 10's in unit column for estimated 10 years of O&M

Sue Kaelber-Matlock, MDEQ-Bay City



# Michigan Department of Environmental Quality Cost Table for Environmental Claims Golson Wetland Park Woodside Ave, Bay City

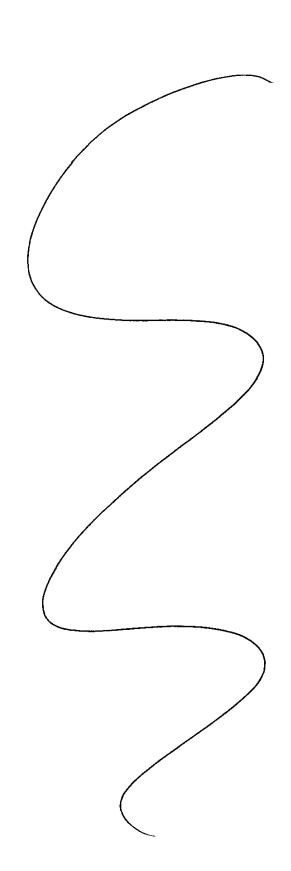
23-Nov-09

part of GMPT RAP and Consent Judgment, owned by City of Bay City Needs- annual groundwater monitoring for PCBs and metals for 25 yrs at 11 locations,

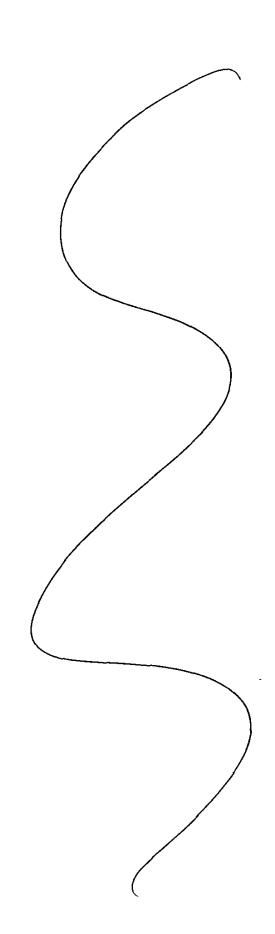
groundwater use and building restrictions, permanent markers,

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3,	1 Geoprobe and crew for 7 borings incl. temp. wells (per day)		00.08年1月18年80.000年1月180.00	
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į <del>1</del>	F C. SVOCS only as the second of the second		5. \$221 00   7. \$0 00	_
•	D¹.Metals only	7	\$184 00 80 00	_
	, E' PCBs only		\$221 00 \$0 00	
91	🛂 Water.Samples (Monitoring at 11 existing wells) ইপ্দিশ দিন্দ্ৰীয়ের শিক্ষাক্ষণ কেন্দ্রী শিক্ষাক্ষণ বিশ্বাস	地域的		0.21
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	D - Metals only (11 wells x 25 years)	275	\$184 00 \$50,600 00	
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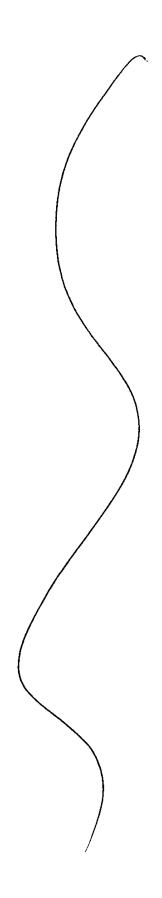
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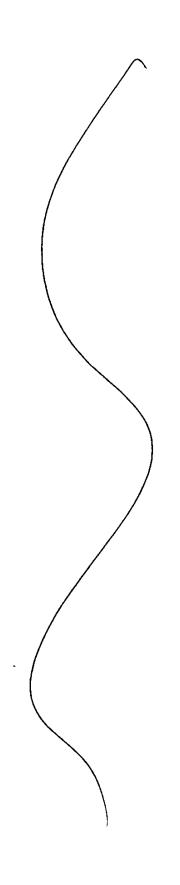
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	1	膨	機	ţ) <sup>*</sup>	

Total for Site Remediation: \$1,113,971 56

<sup>1</sup> Assume 50 feet btw borings

<sup>2</sup> If contaminant is unknown run "full scan"

3 SF of building multiplied by estimated height

<sup>4</sup> If no Asbestos Survey has been completed, assume ordered demo of building

<sup>6</sup> For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume <sup>5</sup> Assumed reinforced concrete

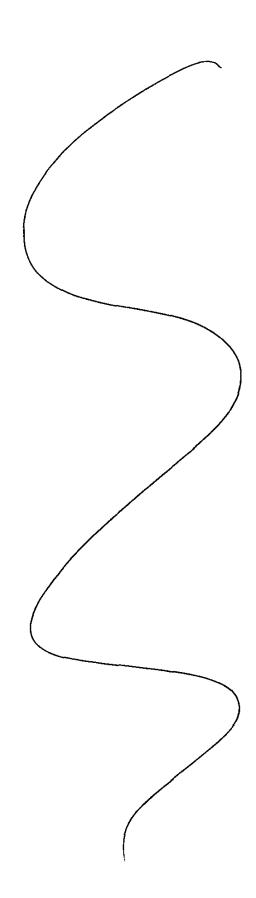
<sup>7</sup> Measure distance to central location for SVE trailer from each well

 $^{\rm 8}$  First year - monthly, second year quarterly and remaining half year quarterly

<sup>9</sup> Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7 48 for estimated gallons

10 Trench installed width of plume on leading edge. Use 0's in unit column if no groundwater remediation system

11 Use only if "Groundwater Treatment" is chosen over removal. Use 10's in unit column for estimated 10 years of O&M



Page 7 of 7

Sue Kaelber-Matiock, MDEQ-Bay City



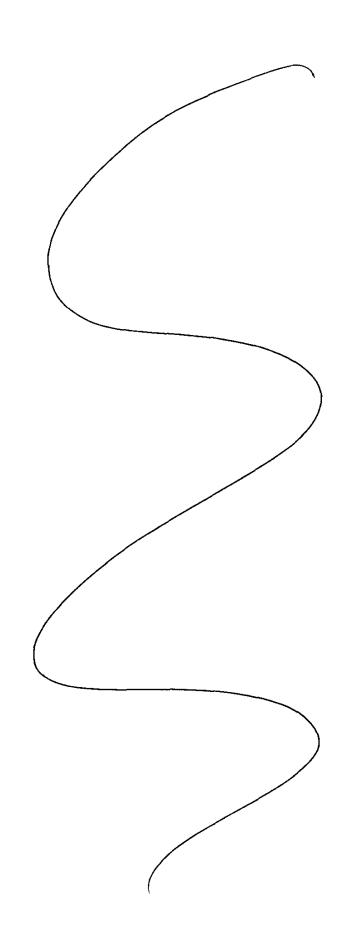
# Michigan Department of Environmental Quality Cost Table for Environmental Claums Delphi Peninsula Landfill (property owned by REALM, adjacent to Delphi Plant 2) Salt St, Saginaw

23-Nov-09

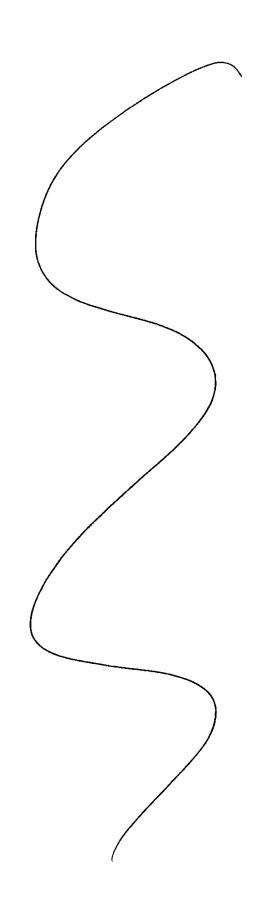
MLC is claiming responsibility for selenium in groundwater only, Delphi is responsible for chlorinated solvents in groundwater and soil Site Needs - Excavation of soils for source removal, confirmation sampling, and gw monitoring for 10 years

	(大学)			
Need	Needin	#of FUnits	Unit(Cost	Total
1 Geop	Geoprobe and crew for 4 borings Incl. temp. wells (per day) 上京、 海 一大 一 一	A 105 WE	\$3,000,00	\$30,000,00
至 Soil \$	Soil Samples (2 per boring) (to.verify/area/that/requires.excavation) 是可能的 (2 per boring) (to.verify/area/that/requires.excavation) 是一种特殊的 (2 per boring) (to.verify/area/that/requires) (2 per boring) (to.verify/area/that/requires) (2 per boring) (2 per borin	是是一些	(秦公安王宝/2秦)	STOTAL TOTAL
. AFL	AFull Scan -(20 SBx2 samples/SB=40 samples) (1-time investigation effort)	40	1 \$1,157 00	\$46,280 00
) - B	B -VOCs only	F -	\$110 00	\$0 00
S C	C'SVOCs only	z	\$221 00	00 0\$ 3
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3 Wate	33 Water Samples (annual monitoring of 20 wells for baseline and 10 years after excavation) 是:合意的	湖南,南湖	是完大的	神がかれたない
A Ft	Full Scan (20 wells x 11 years= 220 samples)	220	\$1,157 00	\$254,540 00
S B	VOCs only		\$110 00	\$0 00
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Σ	D ⋅ Metals only	,	\$184 00	20 00
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